Undergraduate Programs

Undergraduate Degrees (Program Descriptions)

Business, W. P. Carey School of

Accountancy, BS (BAACCBS)

Campus: Tempe, West, Online

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

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

Taxation and Data Analytics, MTax

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

Transfer Admission Requirements:
Transfer admission requirements (30 or more semester hours of credit after high school): transfer GPA of 3.00 and one of the following: 1160 (prior

to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/accounting-degree/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad experiences open up new doors for accountancy majors. Students gain valuable skills employers want, such as communication, interpersonal skills and flexibility, and understanding international accounting methods helps students become more well-rounded and competitive in the accounting field. Students benefit from thinking about study abroad early, allowing for opportunities to take summer courses in places like Costa Rica or studying a full semester in Europe to gain a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in accountancy: https://goglobal.asu.edu/students/major/wp-carey/accountancy (https://goglobal.asu.edu/students/major/wp-carey/accountancy).

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

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

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

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2018) states, "Employment of accountants and auditors is projected to grow 10% between 2016 and 2026, faster than the average for all occupations."</p
Graduates are also well-positioned to pursue a graduate degree or attend law school.

Professional Licensure:

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

Contact Information:
Business, W. P. Carey School of
School of Accountancy
https://wpcarey.asu.edu/undergraduate-degrees/accounting
BA 223Q
wpcareyacc@asu.edu
480-965-3631

Business, BA (BABUSBA)

Campus: Polytechnic, Tempe, West

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

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

Change of Major Requirements:
Students cannot change their major to this degree program. Students should visit Advising SOS, https://apps.wpcarey.asu.edu/apps/advising/index.cfm (https://apps.wpcarey.asu.edu/apps/advising/index.cfm), to declare a Business concentration.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

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

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

Business (Business Administration), BA (BABUSBABA)

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

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the Exploratory Social and Behavioral Sciences program in the College of Integrative Sciences and Arts.

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-business/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Globalization continues to impact the way business functions, and those who have had the experiences provided by a study abroad program have acquired valuable skills employers seek, including communication and interpersonal skills, flexibility and motivation, setting them apart in the job market.

Business administration students can study abroad nearly anywhere in the world, earning a global perspective on business applications and participating in real-world case studies in many global business hubs, such as Germany, England, Singapore, China, and the United Arab Emirates.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in business administration: https://goglobal.asu.edu/students/major/wp-carey/business-administration (https://goglobal.asu.edu/students/major/wp-carey/business-administration).

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

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

Contact Information:
Business, W. P. Carey School of
Dean, W.P. Carey School of Business
https://wpcarey.asu.edu/undergraduate-degrees
BA 160
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480-965-4227

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

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in pursing a Chinese language track should apply to the language and culture concentration (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BABSLACUBA/undergrad/false) of the BA in business.

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

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

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

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

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

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

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

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

Business (Communication), BA (BABUSCBA)

Campus: Polytechnic, Tempe, West, ASU@Lake Havasu, Online

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

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-communication/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way business functions, study abroad programs provide experiences to set students apart in the job market. Students gain valuable skills employers seek, including communication skills, flexibility, motivation and a global perspective on business applications worldwide. Students can study abroad nearly anywhere in the world and participate in real-world case studies in global business hubs like Germany, England, Singapore, China, the United Arab Emirates and many more.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in communication: https://goglobal.asu.edu/students/major/wp-carey/business-communication (https://goglobal.asu.edu/students/major/wp-carey/business-communication).

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

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

Business (Corporate Accounting), BA (BABUSCABA)

Campus: Online

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

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-corporate-accounting/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad experiences open up new doors for corporate accounting majors. Students gain valuable skills employers want, such as communication, interpersonal skills and flexibility, and understanding international accounting methods helps students become more well-rounded and competitive in the accounting field. Students benefit from thinking about study abroad early, allowing themselves the opportunity to gain a global perspective on business applications worldwide by taking summer courses in places like Costa Rica or studying a full semester in Europe.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in corporate accounting: https://goglobal.asu.edu/students/major/wp-carey/corporate-accounting (https://goglobal.asu.edu/students/major/wp-carey/corporate-accounting).

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

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

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

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

Business (Financial Planning), BA (BABUSFPBA)

Campus: Tempe, Online

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

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/financial-planning-business/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

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

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

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

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

Business (Food Industry Management), BA (BABUSFIMBA)

Campus: Polytechnic, Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second

major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-food-industry-management/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

Business students can study abroad nearly anywhere in the world and gain valuable internship experience in global business hubs like Australia, Germany, England, Singapore, China, the United Arab Emirates, among many others.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in food industry management: https://goglobal.asu.edu/students/major/wp-carey/food-industry-management (https://goglobal.asu.edu/students/major/wp-carey/food-industry-management).

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

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

Business (Global Agribusiness), BA (BABUSGAGBA)

Campus: Polytechnic

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

Students in the global agribusiness concentration can study abroad nearly anywhere and participate in real-world applications, such as navigating the coffee business in Costa Rica, principles of business in the Czech Republic or spending a semester in Madrid, among many others.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in global agribusiness: https://goglobal.asu.edu/students/major/wp-carey/global-agribusiness (https://goglobal.asu.edu/students/major/wp-carey/global-agribusiness).

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

- finance
- management
- marketing
- technology

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

Business (Global Leadership), BA (BABUSGBA)

Campus: Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-leadership/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way business functions, study abroad programs can provide students exposure to the world of business. Students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility and motivation.

Business students can study abroad nearly anywhere and participate in real-world case studies in global business hubs like Germany, England, Singapore, China, the United Arab Emirates and many others, gaining a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in global leadership: https://goglobal.asu.edu/students/major/wp-carey/global-leadership (https://goglobal.asu.edu/students/major/wp-carey/global-leadership).

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

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

Business (Global Logistics Management), BA (BABUSGLBA)

Campus: West, Online

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

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

Transfer students must have a cumulative transfer GPA of 3.00 and a cumulative ASU GPA of 3.00 (if applicable) in addition to meeting the general admission requirements in order to be admitted to this program. If the student does not meet the admission requirements for the concurrent program, they are placed in the BS in international trade.

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-logistics-management/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way business functions, study abroad programs can provide students exposure to the world of business. Students gain valuable skills employers seek, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

Business students can study abroad nearly anywhere and gain valuable internship experience in many global business hubs, like Australia, Germany, England, Singapore, China, and the United Arab Emirates.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in global logistics management: https://goglobal.asu.edu/students/major/wp-carey/global-logistics-management (https://goglobal.asu.edu/students/major/wp-carey/global-logistics-management).

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

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

Business (Global Politics), BA (BABUSGPBA)

Campus: Tempe

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
As globalization continues to impact the way business functions, study abroad programs provide vital experiences, allowing business students opportunities to practice cultural competency building for global business success.

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

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

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

- campaign and issue management
- information analysis
- public relations

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

Business (Health Care), BA (BABUSHCBA)

Campus: West

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way people live and work, study abroad programs provide students exposure to the world of business. Students gain valuable skills employers seek, including communication skills, flexibility, motivation and a global perspective on business applications worldwide. Business students can study abroad nearly anywhere in the world and gain valuable internship experience related to health care in places like Australia, Germany, England, Singapore, China, the United Arab Emirates, among many others.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in

health care: https://goglobal.asu.edu/students/major/wp-carey/business-health-care (https://goglobal.asu.edu/students/major/wp-carey/business-health-care).

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

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

Business (Human Resources), BA (BABUSHRBA)

Campus: Polytechnic, Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

Change of Major Requirements:
Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: https://apps.wpcarey.asu.edu/apps/advising/index.cfm (https://apps.wpcarey.asu.edu/apps/advising/index.cfm).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-business-human-resources/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

Business students can study abroad nearly anywhere in the world and gain valuable internship experience in global business hubs like Australia, Germany, England, Singapore, China, the United Arab Emirates, among many others.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in human resources: https://goglobal.asu.edu/students/major/wp-carey/human-resources (https://goglobal.asu.edu/students/major/wp-carey/human-resources).

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

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

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

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

Business (Information Security), BA (BABUSISBA)

Campus: West, Online

Program Description:

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a

second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/information-security-business-degree/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

Business students can study abroad nearly anywhere in the world and gain valuable internship experience in many global business hubs, like Australia, Germany, England, Singapore, China, and the United Arab Emirates.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in information security: https://goglobal.asu.edu/students/major/wp-carey/business-information-security (https://goglobal.asu.edu/students/major/wp-carey/business-information-security).

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

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

Business (Language and Culture), BA (BABSLACUBA)

Campus: Tempe, West

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

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

Additional Program Fee: Y
Second Language Requirement: Y
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way business functions, study abroad programs provide vital experiences to students, allowing them opportunities to build critical skills in navigating cultural customs and understanding the nuances of conducting international business. Students can participate in study abroad programs available in many global business hubs, like Germany, England, Singapore, China, and the United Arab Emirates.

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

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

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

Business (Law), BA (BABUSLBA)

Campus: Tempe, Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/business-law-major/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in law: https://goglobal.asu.edu/students/major/wp-carey/business-law (https://goglobal.asu.edu/students/major/wp-carey/business-law).

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

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

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

Campus: Tempe

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

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

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

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

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

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

Business (Retail Management), BA (BABUSRBA)

Campus: Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

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

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-retail-management/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

Business students can study abroad nearly anywhere in the world and gain valuable internship experience in many global business hubs like Australia, Germany, England, Singapore, China, and the United Arab Emirates.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in retail management: https://goglobal.asu.edu/students/major/wp-carey/retail-management (https://goglobal.asu.edu/students/major/wp-carey/retail-management).

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

- administrative services manager

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

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

Business (Spanish Language and Culture), BA (BABUSSLBA)

Campus: Tempe, West

ASU is no longer accepting new students to this program. Students interested in pursing a Spanish language track should apply to the language and culture concentration (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BABSLACUBA/undergrad/false) of the BA in business.

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

The program mission is to create global business professionals who can function well culturally and linguistically in the business environment in both Latin America and the domestic market. Students complete rigorous courses in the Spanish language in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in Spanish language and culture: https://goglobal.asu.edu/students/major/wp-carey/spanish-language-culture (https://goglobal.asu.edu/students/major/wp-carey/spanish-language-culture).

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

Currently, there is a demand for Spanish-speaking business professionals in the hotel and tourism industry and in consulting, banking and finance, international trade, sports management and media. Additionally, businesses of all types, especially locally, are actively recruiting bilingual applicants.

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

Business (Sports Business), BA (BABUSMSBA)

Campus: Tempe, West, Online

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

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

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

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/sports-business-degree/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way business functions, study abroad programs provide vital experiences to students. Students can immerse themselves in cultures where sports are a central part of society and understand the business behind it.

Through study abroad, students gain valuable skills employers seek, such as communication skills, flexibility, motivation and a global perspective on business applications worldwide. Business students can study abroad nearly anywhere in the world, including in global business hubs.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in sports business: https://goglobal.asu.edu/students/major/wp-carey/sports-business (https://goglobal.asu.edu/students/major/wp-carey/sports-business).

Career Opportunities:
Career opportunities for graduates could include jobs with titles such as:

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

Graduates of this concentration find opportunities in mass communication, including television, game systems and social networks. The interaction between sports and media has led to a multitude of applications of business knowledge to these fields.

Contact Information:
Business, W. P. Carey School of
Department of Marketing
https://wpcarey.asu.edu/undergraduate-degrees
BAC 460
wpcareyug@asu.edu
480-965-3621

Business (Statistics), BA (BABUSTABA)

Campus: West

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

Change of Major Requirements:

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad experiences open up new doors for students in the statistics concentration. Students gain valuable skills employers want, such as communication and interpersonal skills and flexibility. Understanding statistical methods used internationally helps students become more well-rounded and competitive in their chosen field.

Students benefit from thinking about study abroad early, allowing the opportunity to take summer courses in places like Costa Rica or studying a full semester in Europe to gain a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in statistics: https://goglobal.asu.edu/students/major/wp-carey/statistics (https://goglobal.asu.edu/students/major/wp-carey/statistics).

Career Opportunities:
Graduates of this program are prepared to move into business or governmental positions, using statistics to help make decisions and solve problems. They find positions such as:

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

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

Business (Sustainability), BA (BABUSSBA)

Campus: Polytechnic, Tempe, West, Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-sustainability/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way people live and work, study abroad programs are vital to students' future success in the world of sustainable business. Understanding global sustainability perspectives helps students rethink the nature of business and develop the knowledge necessary to influence growth, improve returns on capital and optimize risk management through sustainability. Business students can study abroad nearly anywhere in the world, including in sustainability hubs like Australia, Costa Rica and Singapore.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in sustainability: https://goglobal.asu.edu/students/major/wp-carey/business-sustainability (https://goglobal.asu.edu/students/major/wp-carey/business-sustainability).

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

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

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

Business (Technology), BA (BABUSTCBA)

Campus: Polytechnic

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra

Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way business functions, study abroad programs provide students with the valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Business students can study abroad nearly anywhere in the world and gain valuable internship experience in many global business hubs, like Australia, Germany, England, Singapore, China, the United Arab Emirates.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in business with a concentration in technology: https://goglobal.asu.edu/students/major/wp-carey/technology (https://goglobal.asu.edu/students/major/wp-carey/technology).

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

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

Business (Tourism), BA (BABUSTBA)

Campus: Tempe, Online

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

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-tourism/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

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

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

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

Business Data Analytics, BS (BABDABS)

Campus: Tempe, Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-business-data-analytics/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad experiences open up new doors for business data analytics majors. Understanding business data analytics methods with a global lens helps students become more well-rounded and competitive in the field of data analytics. Students can study abroad nearly anywhere in the world and gain valuable internship experience in many global business hubs like Australia, Germany, England, Singapore, China, and the United Arab Emirates.

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

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

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

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

Business Entrepreneurship, BS (BABUENTBS)

Campus: Tempe

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

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

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

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs can provide exposure to global startups and how different countries approach entrepreneurship. Students gain valuable skills employers seek, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications. Business entrepreneurship students can study abroad nearly anywhere in the world and gain valuable internship experience in global incubator hubs like Australia, Germany, England, Singapore, China, the United Arab Emirates and more.

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

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

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

Business Exploratory, (BABUSEXP)

Campus: Tempe

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

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

- marketing
- supply chain management

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

Change of Major Requirements:
Students are not permitted to change their major to this degree program. Students admitted to this exploratory program who are ready to declare their major should submit their request through Advising SOS. https://apps.wpcarey.asu.edu/apps/advising/index.cfm (https://apps.wpcarey.asu.edu/apps/advising/index.cfm)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way business functions, study abroad programs provide students valuable skills employers seek, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Exploratory business students can study abroad nearly anywhere in the world and gain valuable internship experience in global business hubs like Australia, Germany, England, Singapore, China, the United Arab Emirates and more. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Students in business exploratory have the opportunity to graduate from one of many BS degree programs in the W. P. Carey School of Business.

For career opportunities, students should see the options highlighted in those specific programs.

Contact Information:
Business, W. P. Carey School of
Prebusiness Office
https://wpcarey.asu.edu/undergraduate-degrees
BA 160
wpcareyug@asu.edu
480-965-4227

Computer Information Systems, BS (BACISBS)

Campus: Tempe, Online

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/computer-information-systems-bs/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in computer information systems: https://mystudyabroad.asu.edu/students/major/wp-carey/computer-information-systems (https://mystudyabroad.asu.edu/students/major/wp-carey/computer-information-systems).

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

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

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

- computer forensics analyst

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

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

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

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

Economics, BS (BAECNBS)

Campus: Tempe, Online

Program Description:
Students in this W. P. Carey School of Business BS program in economics choose from a variety of electives offered by the Department of Economics and many other ASU departments. All students are encouraged to develop programs of study tailored to individual needs and interests.

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

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

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 270 Calculus with Analytic Geometry I
Program Math Intensity: Moderate

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

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-wpc/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students can see different economic systems play out in real time and gain valuable skills employers seek, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in economics: https://goglobal.asu.edu/students/major/wp-carey/economics (https://goglobal.asu.edu/students/major/wp-carey/economics).

Career Opportunities:
A major in economics provides students with the analytical and quantitative skills needed in careers in business, government and public policy.

Graduates have taken positions such as:

- consultants who serve as advisers to state and federal governments as well as private corporations
- corporate economists who collect data and make forecasts relevant to the firm's business
- employees in banking and financial services firms

Each year, many graduates pursue additional studies at other prestigious universities.

Contact Information:
Business, W. P. Carey School of
Department of Economics
https://wpcarey.asu.edu/undergraduate-degrees
CRTVC 412
wpcareyecn@asu.edu
480-965-3531

Finance, BS (BAFINBS)

Campus: Tempe

Program Description:
The finance department has a rich tradition of educating leaders who excel in all aspects of the discipline of finance. Whether ascending to the top ranks of the venture capital industry, executing multimillion dollar real estate deals or becoming successful entrepreneurs with their own ideas and drive, graduates of the BS program in finance from the W. P. Carey School of Business are equipped to succeed.

In particular, the Investment Banking Industry Scholars program mentors students interested in going to Wall Street. The student investment management fund provides undergraduates with the opportunity to manage a real-world investment portfolio worth hundreds of thousands of dollars.

Finance department faculty members are considered among the top in the world. The professional advisory board, comprised of leading professionals from the financial services, manufacturing, energy, investment banking and real estate sectors, provides a sounding board for new ideas and is a resource of jobs for top graduates.

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in finance: https://mystudyabroad.asu.edu/students/major/wp-carey/finance (https://mystudyabroad.asu.edu/students/major/wp-carey/finance).

Career Opportunities:
Graduates are prepared for careers in:

- consulting
- corporate financial management
- depository institutions
- financial services
- investment banking
- investment management
- portfolio analysis

Contact Information:
Business, W. P. Carey School of
Department of Finance
https://wpcarey.asu.edu/undergraduate-degrees
BAC 501
wpcareyfin@asu.edu
480-965-3131

Management, BS (BAMGTBS)

Campus: Polytechnic, Tempe, West, Online

Program Description:
The W. P. Carey BS program in management prepares students to become effective managers and team leaders. Students gain theoretical and conceptual knowledge and build critical skills such as:

- analytical research and problem-solving
- communication
- critical thinking

- global applications
- leadership
- personal ethics and integrity
- teamwork

The curriculum includes the fundamentals of the global economy, the world of e-business, ethics, human resource and strategic management and collaborative team skills. Throughout the program, theories and concepts of management and ethical leadership are enhanced by experiencing and testing them in skill-based exercises, case discussions and real-world, team-based project work.

The management major prepares students to face:

- corporate accountability
- cross-functional management
- demands for continuous process improvements to enhance the value chain
- ethical decision-making
- growing technological sophistication
- racial, cultural and gender diversity in the workforce
- the fast pace of e-business
- the need for skills in communicating and working with people, directing projects and managing change

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

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

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

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

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

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

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Change of Major Requirements:
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Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-management/)

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

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

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in management: https://goglobal.asu.edu/students/major/wp-carey/management (https://goglobal.asu.edu/students/major/wp-carey/management).

Career Opportunities:
Graduates with a Bachelor of Science in management are likely to be recruited by:

- for-profit and nonprofit organizations
- high-tech firms
- large and small organizations
- management consulting firms
- service and manufacturing firms

The salaries listed below reflect median salaries, not starting salaries.

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

Marketing, BS (BAMKTBS)

Campus: Tempe, Online

Program Description:
Students pursuing the BS in marketing gain an understanding of the science behind consumer behavior and the critical role that marketing plays in all organizations. In addition, students develop marketing skills that provide a competitive advantage in their careers.

The nationally ranked and award-winning marketing faculty share a passion for teaching and mentoring undergraduate students. Faculty members provide many productive ways for students to get involved in the life of the department and work with business partners.

The department is home to the Center for Services Leadership, the premier international center for the study of the science of services and offers distinctive coursework in professional sales, relationship management and sports business.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

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

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Data Science), MGM
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Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM

Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-marketing/)

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

take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Understanding how cultural norms and values impact the marketing of goods and services in an international context is vital for a marketing career.

Through study abroad, students gain skills employers seek, including communication and interpersonal skills and global perspectives on business applications worldwide. Students can choose from many options like faculty-directed programs in the summer or full semesters in locations throughout the world, including Spain and Germany among many others.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in marketing: https://goglobal.asu.edu/students/major/wp-carey/marketing (https://goglobal.asu.edu/students/major/wp-carey/marketing).

Career Opportunities:
Through the proper selection of coursework and other educational experiences, a marketing student may prepare for a variety of careers in areas such as:

- business development
- business-to-business marketing
- customer relationship management
- international marketing
- market research and information management
- marketing communications
- professional sales and relationship management
- retail management
- sales management
- services marketing

The degree program provides fundamentals, flexibility and specialization opportunities.

Contact Information:
Business, W. P. Carey School of
Department of Marketing
https://wpcarey.asu.edu/undergraduate-degrees
BAC 460
wpcareymkt@asu.edu
480-965-3621

Marketing (Digital and Integrated Marketing Communications), BS (BAMKDIMCBS)

Campus: Tempe

Program Description:
Designed specifically for the marketing major, this digital and integrated marketing communications concentration builds on the knowledge provided in the major and prepares marketing students with specialized knowledge and training in the areas of advertising, brand management and digital marketing.

The purpose of the concentration within the BS program in marketing is to equip students with cutting-edge knowledge in the marketing communications area so they are well prepared to assume jobs in the areas of advertising, brand management and digital marketing. This concentration provides specialized expertise to graduates in an area that is growing in importance in the marketplace.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

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

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

Change of Major Requirements:

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Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
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Global Opportunities:
Global Experience:
Understanding how cultural norms and values impact the marketing of goods and services in an international context is vital for a marketing career.

Through study abroad, students gain skills employers seek, including communication and interpersonal skills and global perspectives on business applications worldwide. Students can choose from many options like faculty-directed programs in the summer or full semesters in locations throughout the world, including Italy, Australia and South Korea.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in marketing with a concentration in digital and integrated marketing communications: https://goglobal.asu.edu/students/major/wp-carey/marketing (https://goglobal.asu.edu/students/major/wp-carey/marketing).

Career Opportunities:
While the number and quality of job opportunities in advertising and brand management is relatively small, the number of entry-level positions in digital marketing has exploded. A sampling of career opportunities include:

- digital account manager
- digital marketing analyst
- digital marketing coordinator
- digital marketing specialist
- electronic marketing specialist

Contact Information:
Business, W. P. Carey School of
Department of Marketing
https://wpcarey.asu.edu/undergraduate-degrees
BAC 460
wpcareymkt@asu.edu
480-965-3621

Marketing (Professional Sales), BS (BAMKTPSBS)

Campus: Tempe

Program Description:
The W. P. Carey BS program in marketing with a concentration in professional sales is designed for undergraduate marketing students who are interested in pursuing the many opportunities in professional sales.

The curriculum includes courses in professional sales as well as sales management and consumer behavior, and an internship in sales is required.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:

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

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

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Global Management (Integrated Health Care), MGM
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Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
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Change of Major Requirements:
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Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKTPSBS~null + &college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Understanding how cultural norms and values impact the marketing of goods and services in an international context is vital for a marketing career. Through study abroad, students gain skills employers seek, including communication and interpersonal skills and global perspectives on business applications worldwide. Students can choose from many options like faculty-directed programs in the summer or full semesters in locations throughout the world, including Italy, Australia and South Korea.

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in marketing with a concentration in professional sales: https://goglobal.asu.edu/students/major/wp-carey/marketing (https://goglobal.asu.edu/students/major/wp-carey/marketing).

Career Opportunities:
The number of employers interested in hiring professionals for sales roles far exceeds the number of students who are pursuing career opportunities in sales.

Graduates are prepared for careers in account management across a variety of industries in the business-to-business and consumer products domains.

Contact Information:
Business, W. P. Carey School of
Department of Marketing
https://wpcarey.asu.edu/undergraduate-degrees
BAC 460
wpcareymkt@asu.edu
480-965-3621

Supply Chain Management, BS (BASCMBS)

Campus: Tempe, Online

Program Description:
Supply chain managers coordinate the production flow of goods and services, enabling the transformation of raw materials into the final products made available to consumers, whether on local store shelves or through online retailers. Supply chain management, involving multiple vendors in different countries, is a key reason that people can buy an ever-increasing variety of goods and services at remarkably low prices.

The BS program in supply chain management provides W. P. Carey School of Business students with an in-depth knowledge of integrated supply chain management. The curriculum focuses on:

- execution systems
- logistics
- negotiations
- operations
- planning
- procurement
- strategy development

Classes are small and use projects and case studies to bring the material to life.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

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

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

Transfer Admission Requirements:
Transfer admission requirements (30 or more semester hours of credit after high school): Students must have a transfer GPA of 3.00 and either a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top

8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

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

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

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

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

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/supply-chain-management-bs/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

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

The W. P. Carey School of Business recommends the following study abroad programs for students majoring in supply chain management: https://goglobal.asu.edu/students/major/wp-carey/supply-chain-management (https://goglobal.asu.edu/students/major/wp-carey/supply-chain-management).

Career Opportunities:
Career track progression could lead to the vice president level in supply chain-related areas. ASU supply chain management graduates are recruited by firms from around the world and in all sectors of the economy, including:

- health care
- manufacturing
- public and private
- retail
- service

Graduates of the supply chain management program are highly sought after and have excellent placements. The following are some positions that supply chain management graduates have obtained:

- buyer or planner
- commodity manager
- distribution manager

- internet marketing analyst
- inventory specialist
- logistics planner
- materials manager
- operations planner or analyst
- planner or analyst
- product forecaster
- production coordinator
- production line manager
- production scheduler
- quality control specialist
- supply management analyst

Contact Information:
Business, W. P. Carey School of
Department of Supply Chain Management
https://wpcarey.asu.edu/undergraduate-degrees
BA 445
wpcarey.scm@asu.edu
480-965-6044

Design and the Arts, Herberger Institute for

Architectural Studies, BSD (ARSTDBSD)

Campus: Tempe

Program Description:
Architects design buildings and environments that are useful, sustainable and aesthetically pleasing. This implies an understanding of people's needs, the science and technology of building and the concepts of aesthetics.

The faculty in The Design School offer a BSD program in architectural studies. In addition to developing knowledge and skills in architectural thinking, building technology, history and theory, and professional practice, students are encouraged to select electives from a broad range of approved courses within the institute and across the university. These electives may be selected to devise a minor, to further professional study or to enrich the student's academic experience in some other fashion.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
International experiences supplement a major in architectural studies while also introducing students to new cultures, skills and perspectives. Students can intern in the Czech Republic, learn about sustainable development in Fiji, spend a semester in South Africa, or participate in one of the more than 250 programs across every continent. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the bachelor's degree program are prepared for graduate school as well as a range of design-related careers. Those who wish to become licensed can complete their professional studies by attending an accredited professional master's degree program. The Design School offers a two-year professional MArch for graduates of the undergraduate program.

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu/degree-programs
CDN 162
herbergeradvising@asu.edu
480-965-4495

Art (Animation), BFA (HIARTANBFA)

Campus: Tempe

Program Description:
The BFA program in art with a concentration in animation prepares students to excel in this field. Animation students are provided an education that simultaneously sustains tradition and fosters innovation through embracing new visualization methodologies and tools with the potential to advance discoveries and insights across disciplines.

Upon completion of the program, graduates are able to demonstrate the technical and artistic abilities to create animations for exhibition in arts venues (galleries, museums, festivals, etc.) and in entertainment media-arts industries. They also are prepared to pursue advanced research in graduate animation programs.

The mission of the Herberger Institute for Design and the Arts is to create works of art, explore the history and traditions of art production, understand more about art's function in society and promote national and international recognition for research and creative activities while fostering cultural development in the community.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their Bachelor of Fine Arts concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)

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

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Animators work within the realms of fine arts, design, cinema, television, video games, online media, augmented and virtual reality, scientific and data visualization, medical illustration, robotics and a range of other emerging fields.

Top job titles for those with an education in animation include:

- animator
- art director
- artist
- creative director
- designer
- graphic artist
- graphic designer
- multimedia designer

For the last several years, jobs for multimedia artists, animators, film and video editors have continued to trend upward nationally.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Art Education), BFA (FAARTEBFA)

Campus: Tempe

Program Description:
The BFA program in art with a concentration in art education involves creative teaching and learning processes and strategies, first-hand experience teaching art for a range of ages, the study of art history and global cultures, and practice in a variety of studio areas.

The program focuses on engaging with artistic inquiry and education in K-12, community and museum settings. Students investigate issues related to teaching art from multiple perspectives, including:

- creativity and critical thinking
- ecological connections
- inquiry-based learning
- interdisciplinary curriculum development
- multicultural contexts
- studio and conceptual art practices

In addition to their art education coursework, students are required to take coursework in the various studio areas offered in the School of Art.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students are admitted directly to the art education concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the art education concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Creativity and inspiration find fuel during a study abroad program. Global experiences provide a platform on which aspiring art educators develop and broaden the intercultural sensitivity, communication skills and leadership ability they then take into the classroom. Study abroad can prove to be a vital accompaniment to a concentration in art education. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates who also complete the state certification requirements for an art specialist certificate may teach in public and private elementary schools, middle schools and high schools. Graduates who do not seek state certification may find opportunities for jobs with some charter schools, art museums, nonprofit art spaces and recreational or community-oriented service groups that offer art instruction.

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

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-education?dept=160343&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Art History), BA (FAARTHBA)

Campus: Tempe, Online

Program Description:
The BA in art history is a dynamic program that investigates visual culture and engages students in a rich and diverse curriculum. Inherently interdisciplinary, art history intersects with a variety of fields including history, literature and economics.

Faculty members emphasize critical concepts in their teaching, including the close study of artists, objects and technologies. Students explore art's history in economic, social and political contexts and the relationship of visual art to other disciplines such as literature, science, anthropology, media and performance studies. In addition to art history courses, the program includes interdisciplinary coursework from disciplines across the university.

Internships are available at a wide range of arts organizations. The program is enriched by partnerships with the ASU Art Museum and museums throughout the Phoenix metropolitan area and beyond, including an affiliation with the Los Angeles County Museum of Art.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

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

- Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen students applying to the Herberger Institute School of Art enter ASU as art exploratory majors in the School of Art. There is no portfolio review process for freshmen at the time of admission to ASU.

Typically, students in their second year who are interested in studio art and art education will submit a portfolio for review once they have completed their core requirements and are completing the last of the 12 hours of 200-level art requirements, or if they are interested in art history or museum studies they will submit a declaration form in the semester in which they complete 30 hours.

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change a major to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-art-history/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can deepen their understanding of art history by experiencing it firsthand. Study abroad provides students with valuable insight into the cultures and minds of some of the world's most notable artists, and exposure to multicultural environments enhances students' communication skills and fosters valuable career-building experiences. Students can volunteer as a tour guide of the historic Palazzo Vecchio in Florence, explore internships in Prague, or spend a semester in Japan. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of art history programs at the bachelor's degree level find employment opportunities in commercial art galleries, art museums and historical societies and archives. Other options include arts agencies and public art programs or admission to prestigious graduate programs across the nation.

A graduate degree is essential for professional positions, as a master's degree prepares individuals to teach at the community college level; to practice and publish as an art critic or writer; to enhance one's own practice as an artist; or gain entry into museums, archives, historical societies, auction houses, publishing companies and academic presses as well as to art libraries. The doctorate is a necessity for employment as a university or college teacher and for responsible administrative and curatorial positions in the museum and publishing world.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-history?dept=160344&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Art Studies), BA (FAARTSTDBA)

Campus: Tempe, Online

Program Description:
The BA in art with a concentration in art studies is a multidisciplinary program with a broad educational foundation in the arts and General Studies with a curriculum unparalleled in its scope of course offerings from across the university.

This concentration offers students a great deal of flexibility in planning coursework. Students, in consultation with faculty advisors, can design a course of study focused on their individual aspirations. This uniquely open degree program features coursework in art history, studio art, and a range of arts-related topics, including performing arts and the history of performance, and fields such as African and African American studies, American Indian studies, history, languages and literature, and women's studies.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College MathematicsMAT 117 College Algebra OR MAT 119 Finite Mathematics
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen may apply directly to the art studies program; there is no portfolio review for this major.

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/art-studies-bachelors/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can explore famous works of art firsthand and experience the environments they were created in during study abroad programs in locations like Italy, France and England. The hands-on experience gained from a semester abroad is a great way to bolster portfolios and to gain multicultural insight into the world of art. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This program prepares students to initiate creative careers as visual artists or as professionals in the public and private spheres. Among many others, the wide range of options include:

- art dealer
- independent artist
- college professor
- commission artist
- community-based artist (in health care settings, nonprofit agencies, and local and national public arts)
- creative art director
- museum or gallery professional
- private school teacher

Career opportunities are also available with employers who seek graduates with a well-rounded humanities education.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-studies
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Ceramics), BFA (FAARTCBFA)

Campus: Tempe

Program Description:
The BFA program in art with a concentration in ceramics provides a stimulating and challenging environment for artistic and intellectual growth. With the realization that discipline, familiarity with historical precedents and freedom go hand in hand with creative activities, the ceramics program strikes a balance between the acquisition of traditional skills and the promotion of independence and innovation. Responsibility is placed on the individual student to find personally meaningful content and an effective means to express that content within the ceramic arts.

The ceramics program features a complete and varied line of kilns, wheels and other equipment. Faculty members ensure that students learn the techniques and concepts that enable them to take their work in any direction they wish. A guest artist schedule enhances the program as does the Ceramics Research Center at the ASU Art Museum, which has a collection of more than 4,000 pieces and provides unparalleled opportunities to study and research the ceramic arts.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students are admitted directly to the ceramics concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the ceramics concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Since prehistoric times, engineered and artistic ceramics have played an important role in cultures around the world. Study abroad opportunities allow for in-depth study of contemporary artist practices while also allowing for broad historical and archaeological explorations. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:

Graduates of the undergraduate and graduate programs work as artists in the field, selling their works through commercial galleries, commissions and to private collectors. Some artists work as designers and consultants to the commercial ceramic industry; others set up their own businesses, producing handcrafted functional ware, architectural tiles and one-of-a-kind works.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/ceramics?dept=160346&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Digital Photography), BFA (HIARTDPBFA)

Campus: Online

Program Description:
Arizona State University's online BFA program in digital photography emphasizes contemporary, creative and expressive forms of photography.

In this program, students learn about the relationships between technique, concept and aesthetics and how each element contributes to meaning in the photographic image. Through learning the tools of photography; reflecting on contemporary practitioners; and studying the history and theories of photography along with extensive critique with peers, professors and mentors, students are encouraged to rigorously probe their interests and passions as they develop a deep understanding of their own creative process and potential. The program culminates with a capstone class where students are able to apply what they have learned to create a self-designed final project and portfolio.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/art-digital-photography-bfa/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs

include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs in countries such as France, Japan and South Africa refine students' own creative vision and comprehensive knowledge of the theory, practice and history of photography. The international practice of photography allows students to expand their portfolio and pursue onsite locations similar to those found only in the professional field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career possibilities for students with a degree in this concentration include:

- client-based and editorial photography
- documentary photography
- fine art photography
- journalism
- photo book publishing
- photo criticism
- photo editing for web
- photo web design
- photographic post-production (retouching)
- video and photo production.
- visual literacy education

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu
ART 102
soaadmin@asu.edu
480-965-8521

Art (Drawing), BFA (FAARTDBFA)

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in drawing should apply to the painting and drawing concentration (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/HIARTPDBFA/undergrad/false).

Program Description:
The BFA program in art with a concentration in drawing offers a dynamic environment for creative, intellectual and technical growth that leads to quality art practice and professionalism.

The program encourages a wide spectrum of innovative approaches to contemporary drawing. Working from a variety of sources and subjects, students develop technical proficiency experimenting with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through written and verbal analysis. In the program's final year, students create a body of work with an individualized approach to form and content, culminating in a senior exhibition.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
or MAT 119 Finite Mathematics
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Currently, all art students are admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements that include foundational coursework to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning Fall 2019, students are admitted directly to the drawing concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning Fall 2019, transfer students are admitted directly to the drawing concentration upon admittance to the BFA program in art.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can explore famous works of art firsthand and experience the environments they were created in during study abroad programs in locations like Italy, France and England. The hands-on experience gained from a semester abroad is a great way to bolster portfolios and to gain multicultural insight into the world of art. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bachelor of Fine Arts program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focused concentrations within the area and additional education or training per industry standards.

Professions are varied; some examples include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college professor, and community-based artist (venues might include health care settings, nonprofit agencies, and local and national public arts).

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/drawing-painting?dept=160342&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Intermedia), BFA (FAARTIBFA)

Campus: Tempe

Program Description:
The BFA program in art with a concentration in intermedia studies educates students in traditional and emerging forms and orientations, including performance, installation, 3D fabrication, digital sculpture, public and place-based art, digital animation, and experimental and documentary video.

Faculty also teach special topics, including the recent studio seminars on walking as art practice and the engagement of women in the field of art and technology. Intermedia faculty nurture students' talents and provide them with the skills they need to capture creative and professional opportunities, exhibitions, grants, commissions, residencies and employment as educators, curators and media and arts professionals across an array of established and emerging fields.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students are admitted directly to the intermedia concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the intermedia concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can enhance their understanding of intermedia art while engaging with an intercultural setting in a study abroad program. Locations such as Italy, France and Spain provide a deep glance into the world of intermedia art, allowing students to apply a global scope to their practices, furthering the depth of their portfolios. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities depend on the emphasis selected. Possibilities include:

- computer graphics and animation
- community-based art (in schools, health care settings, nonprofit agencies)
- event production and cultural production
- positions in the music or entertainment industry
- video production and post-production
- web-based entertainment, education and communication

Professions may include:

- animator
- art director and set designer
- audio and video equipment technician
- commercial and industrial designer
- elementary or secondary school teacher
- independent artist
- marketing and public relations director
- media consultant
- museum and gallery curator, staff, director or art dealer
- performer
- professor
- video and media producer or designer
- video game designer

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/intermedia?dept=160348&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Museum Studies), BA (FAARTMSBA)

Campus: Tempe, Online

Program Description:
The BA program in art with a concentration in museum and heritage studies focuses on the most prescient international themes and issues at the forefront of contemporary museum and heritage studies. These include various ethical and legal issues, such as decolonization and repatriation claims; the impact of Black Lives Matter and COVID-19 on the cultural sector; activist curating; the role that institutions can play in fighting climate change; and the impact of tourism on heritage sites; among other current topics.

In order to reflect the breadth of the sector, students pursuing museum and heritage studies select their own focus areas, in consultation with their advisor, in areas such as art history, anthropology, history, liberal studies, education, global studies, justice studies, parks and recreation, and other approved subjects. These courses offer a range of learning opportunities led by scholars and museum practitioners from across the ASU campus and around the globe. Optional internships enable students to work directly with working arts professionals in their field of interest.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/art-museum-studies-ba/)

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

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

to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs in countries such as France, Italy and Spain allow students to engage with the environment where history and art collide. Study abroad programs further students' communication skills as well as provide immersive experience in the field of art history, allowing students to obtain a better understanding of their field of study. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Upon completion, students are prepared to seek an entry-level position in the museum sector or to matriculate in a Master of Arts program in museum and heritage studies. Graduates with a bachelor's degree in museum and heritage studies find employment opportunities in museums, galleries, archives, historical societies, national parks and other nonprofit organizations.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-history-museum-studies?dept=160344&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Painting and Drawing), BFA (HIARTPDBFA)

Campus: Tempe

Program Description:
The BFA program in art with a concentration in painting and drawing offers a dynamic environment for creative and conceptual growth that leads students to a successful studio art practice in the 21st century.

The program's curriculum encourages a wide spectrum of innovative approaches to painting and drawing. Working from a variety of sources and subjects, students develop technical proficiency through experimentation with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through the development of written and verbal communication. In concentration courses, students develop creative problem-solving skills, examine other artist's paths, and build confidence in their ability to engage intellectually and reflect deeply regarding broader contexts.

In their capstone and research studio courses, students develop a portfolio of work with an individualized approach to form and content. The senior thesis exhibition gives students practical experience in presenting a body of work in a professional gallery setting. Students graduate from the program prepared for the future with a portfolio of completed works and experience in professional practice.

Students declare their Bachelor of Fine Arts concentration at the time of ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)

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

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focus areas and additional education or training per industry standards.

Professions are varied; some examples include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college instructor, and community-based artist (venues might include health care settings, nonprofit agencies, local or national public arts).

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Painting), BFA (FAARTPABFA)

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in painting should apply to the painting and drawing concentration (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/HIARTPDBFA/undergrad/false).

Program Description:
The BFA program in art with a concentration in painting offers a dynamic environment for creative, intellectual and technical growth that leads to quality art practice and professionalism.

The program encourages a wide spectrum of innovative approaches to contemporary painting. Working from a variety of sources and subjects, students develop technical proficiency experimenting with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through written and verbal analysis. In the program's final year, students create a body of work with an individualized approach to form and content, culminating in a senior exhibition.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if a student wishes to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
or MAT 117 College Algebra or MAT 119 Finite Mathematics
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Currently, all art students are admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements that include foundational coursework to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning Fall 2019, students are admitted directly to the painting concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning Fall 2019, transfer students are admitted directly to the painting concentration upon admittance to the BFA program in art.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can explore famous works of art firsthand and experience the environments they were created in during study abroad programs in locations like Italy, France and England. The hands-on experience gained from a semester abroad is a great way to bolster portfolios and to gain multicultural insight into the world of art. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bachelor of Fine Arts program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focused concentrations within the area and additional education or training per industry standards. Professions could include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college professor, or community-based artist in health care settings, nonprofit agencies, and local and national public arts organizations, among others.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/drawing-painting/?dept=160342&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Photography), BFA (FAARTPHBFA)

Campus: Tempe

Program Description:
Students in the BFA program in art with a concentration in photography are offered an education in the production and analysis of photographs as a form of creative expression. Students work in a wide range of photographic media, including state-of-the-art digital output, analog and 19th-century processes.

The internationally recognized photography faculty at ASU are diverse, representing and encouraging a wide range of approaches to the production of photo-based art. Students learn to be self-disciplined and self-directed, to understand complex ideas around how images function in their work, and to develop a strong sense of themselves and their place in the world.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if a student wishes to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
There is no portfolio review process for admission to the School of Art. Usually in their second semester, after completing either ART 204 Photography II: Black & White or ART 205 Photography II: Color, photography majors submit a portfolio to continue in the degree program.

Transfer Admission Requirements:
To complete an undergraduate degree in four years, it is recommended that community college transfer students complete the foundational core and pre-art requirements. There is no portfolio review process for admission to the School of Art. If a transfer student has completed a course equivalent to either ART 204 Photography II: Black & White or ART 205 Photography II: Color, they may submit a portfolio in their first semester at ASU to continue in the degree program.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance

standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs in countries such as France, Japan and South Africa refine students' own creative vision and comprehensive knowledge of the theory, practice and history of photography. The international practice of photography allows students to expand their portfolio and to pursue onsite locations similar to those found only in the professional field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A degree in the arts offers students a pathway to a rich and varied choice of careers. Students with a photography degree may work as independent studio photographers or contract for commercial work for firms, museums, galleries, individuals and other artists. Though this is not a commercial degree program, some students apply their skills post-graduation by doing product photography, portraits or event photography. Students have also started their own successful art galleries.

Photo skills hone a particular sensitivity to issues of representation and a heightened sense of time, among many other life-enhancing attributes. These critical and creative sensitivities can be brought to bear in life after graduation whatever career path a student chooses. The bachelor's degree is essential for advanced study leading to the terminal MFA. This advanced degree offers opportunities in:

- curatorial work in galleries, museums and historical collections
- history or studio areas
- nonprofit arts organization management
- university teaching

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/photography?dept=160349&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Printmaking), BFA (FAARTPMBFA)

Campus: Tempe

Program Description:
The BFA in art with a concentration in printmaking develops students' skills in technical processes, conceptual development and creative problem solving to address the important questions in creative, social and community practices. The printmaking area emphasizes a foundational understanding of the many printmaking media in both traditional and contemporary formats while fostering experimentation and the development of unique approaches. Collaboration and transdisciplinary approaches are encouraged; students often work with other areas such as photography, intermedia and social arts practice, textiles, painting and drawing, and sculpture.

Program faculty teach in well-equipped studios for intaglio, lithography, relief and book arts, letterpress, screen printing and papermaking, and a digital lab. The program also offers specialties such as traditional dust grain copper photogravure, letterpress and papermaking classes.

Students declare their Bachelor of Fine Arts concentration at the time of ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students are admitted directly to the printmaking concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the printmaking concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can enhance their understanding of printmaking while immersed in an intercultural setting. Locations such as the Netherlands, Japan and Germany offer students a deeper look into the world of the art of printmaking, allowing them to apply a global scope to their practices, furthering the depth of their portfolios. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Trained printmakers are working artists, practicing the expression of a personal understanding of their place in the world. They may find employment as artists or printmakers in schools of all levels teaching the execution and appreciation of visual art. They also work in fine art print studios, executing original prints for other artists.

Printmaking skills such as screenprinting or photomechanical and digital techniques, acquired for the production of art, also have commercial, non-art applications that may afford skilled employment. Artists with printmaking skills may also work in graphic design, illustration and signage or may work in museums, conservation, publishing, galleries and in other art-related activities.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/printmaking?dept=160350&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Sculpture), BFA (FAARTSBFA)

Campus: Tempe

Program Description:
The BFA in art with a concentration in sculpture recognizes the broad, transdisciplinary nature of sculpture today. A wide range of media now falls within an expanded definition of sculpture.

Coursework covers public and site-specific sculpture, foundry, interactive and electronic sculpture, neon, small metals, wood, and video and sound installation. Students learn to put today's creations in the context of the history of sculpture and the larger field of contemporary art. Critical inquiry is augmented by courses in the art history program. Visiting artists, curators and critics share their experience directly with students.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students are admitted directly to the sculpture concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the sculpture concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Where better to observe and learn the most influential sculpting techniques than in the heart of Italy or on the streets of France? Locations such as these allow students to enhance their knowledge of the sculpting arts while applying what they learn in an international setting.
https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to embark on a lifetime exploration of the many aspects of 3D art. Positions are available in:

- fabrication and design of exhibitions
- set design
- teaching
- the motion picture industry
- 3D design
- welding and foundry technician work

Through one-on-one mentoring, students learn to win commissions and awards, hold exhibitions, and obtain residencies and jobs as studio artists, public artists, fabricators, project managers, teachers and arts administrators.

Many students also prefer to establish their own studios after graduation.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/sculpture-metals-woods?dept=160351&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Textiles), BFA (FAARTFBFA)

Campus: Tempe

Program Description:
The BFA program in art with a concentration in textiles is committed to the exploration and advancement of innovative textile practices. Working from fundamental techniques such as weaving, dyeing, textile printing and fiber sculpture, students gain mastery of skill along with an immersion in related critical theory.

An emphasis is placed on how investigations into the material and the political and social histories of textiles can inform contemporary art practice. The professional activity of the faculty provides students with a network of outside opportunities such as assistantships, internships, scholarships, residencies and exhibitions.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
First-year students are admitted directly to the textiles concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:
Transfer students must have completed the foundational core and pre-art requirements before admittance to the textiles concentration. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs in countries such as China, South Africa and Japan allow students to further their understanding of textile art forms. While abroad, students gain insight into the processes of the textile industry and learn more about the field firsthand all while reinforcing their portfolio work.

With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses,

while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared with the technical skills they need to pursue a professional career within a diverse range of options that reflect the breadth of the textiles field. Some have established careers in design, in settings as varied as working in industry creating commercial items to setting up boutique studios for the creation of one-of-a-kind fabrics for garments and interiors. Others have chosen to pursue graduate degrees in art or design or in fields adjacent to textiles such as business or technology. Graduates continue to develop their art practice once leaving ASU, with outcomes that range from continued personal explorations to professional gallery exhibitions.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/textiles?dept=160347&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Arts (BA in the Arts), BA (FAATSBA)

Campus: Tempe

Program Description:
The BA in the arts is an interdisciplinary degree program designed for students who are passionate about the arts and design and interested in exploring multiple arts disciplines rather than specializing in one.

Students gain an increased understanding of the theoretical, historical and cultural forces that shape the cultural expression of arts and design. Students pursue open-ended paths to explore and develop a range of skills suitable for advanced study in multiple areas.

The major includes a common core for all students, and students may choose a focus from arts administration or entertainment design or they may design an individualized focus that is subject to approval by the institute's standards committee and the dean's office.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum

cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students whose program of study is in the arts have the ability to further their studies across the world. Equipped with the knowledge obtained in classes, students can explore cultural aesthetic practices in study abroad, furthering their understanding and enhancing their portfolios. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
As the population in the state of Arizona grows, numerous arts organizations are being developed to provide cultural and artistic experiences for the state's residents. These organizations need and demand individuals who understand the impact the arts have on society and who can be passionate employees committed to the arts. This program provides the necessary skill sets, including critical thinking, for such careers as:

- arts administrators
- arts critics
- entertainment designers
- media arts authors and publishers
- museum curators and directors
- public art specialists

Contact Information:
Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://art.asu.edu/degree-programs/undergraduate
CDS 101
herbergeradvising@asu.edu
480-965-4495

Dance, BFA (FADANBFA)

Campus: Tempe

Program Description:
The School of Music, Dance and Theatre provides an inclusive, dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. The BFA program in dance offers an engaging curriculum that emphasizes collaboration and a holistic approach to movement and education. The program encourages artists of the 21st century to develop multiple skills for success in the arts and its related fields.

The core values of the program include creativity, inquiry and humanity. To bridge knowledge and community and to gain understanding of dance as inquiry, these values are embedded in a broad range of academic experiences and exploratory processes. The dance program includes coursework in creative practices (the study of the creative process and dance-making using improvisation, choreography and interdisciplinary approaches); dance and digital arts; dance history, ethnography and philosophy; movement practices (the study of the theory, history and technique of a range of dance forms and mind-body practices, including Afro-Latin movement, contemporary ballet, Hip Hop practices, postmodern contemporary dance and somatic practices); and seminars.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If a student passes the interview, the School of Music, Dance and Theatre will change the student's major to the BFA in dance. In the event the student is admitted to ASU but not selected as a dance major or misses the interview application deadline, the student enters ASU as a dance interview student and must successfully pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days take place in November and February of each year. To ensure a smooth curricular progression, all prospective dance students, including transfer students, are strongly encouraged to participate in the interview day during the semester prior to their intended date of enrollment. More information on the interview process and deadlines can be found at https://musicdancetheatre.asu.edu/degree-programs/dance/undergraduate (https://musicdancetheatre.asu.edu/degree-programs/dance/undergraduate).

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply) for more details on Dance Interview Day requirements and deadlines.

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply) for more details on Dance Interview Day requirements and deadlines.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Dance transcends language, so students can explore their art in various countries, no matter the language. When studying abroad, students expand their view of dance through an international lens while exploring various dance forms at their origins. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:

The comprehensive academic foundation of the Bachelor of Fine Arts program in dance prepares students to be leading dance professionals of the 21st century. Graduates of the program have the expertise to pursue professions as choreographers, performers, educators, community artists, scholars and much more. After leaving ASU, many graduates participate in activities like:

- conducting academic research
- curating or producing dance festivals and events
- directing or managing performing art companies, studios or dance-related organizations
- facilitating community partnerships and projects
- producing dance media for performance or instruction
- pursuing certification in somatic practices (Laban Movement Analysis, Feldenkrais, Alexander Technique, Body-Mind Centering, etc.)
- teaching and designing curriculum
- working as a dance critic
- working in technical theatre and dance production
- working in the areas of health and wellness (fitness, yoga, massage therapy, etc.)
- working in the field of arts management and administration
- writing for scholarly publications

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/dance-bfa
GHALL 232A
mdtadmissions@asu.edu
480-965-4206

Dance (Dance Education), BFA (FADANEBFA)

Campus: Tempe

Program Description:
The BFA in dance with a concentration in dance education prepares students for certification to teach dance in K-12 schools in the state of Arizona as well as for certification in other states through a multistate reciprocity agreement.

The School of Music, Dance and Theatre provides a dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. Studies in dance cultures, music, digital media, dance history, philosophy and criticism, movement science, somatics, and stage and screen production enhance the rich educational setting. Creativity and research, the core program values, help to bridge knowledge and community and are embedded in a broad range of academic experiences emphasizing movement and creative practices, artistic process, leadership and pedagogy.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If a student passes the interview, the School of Music, Dance and Theatre changes the student's major to the BFA in dance. In the event that the student is admitted to ASU but not selected as a dance major or misses the interview application deadline, the student enters ASU as a dance interview student and must successfully pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days take place in November and February of each year. To ensure a smooth curricular progression, all prospective dance students, including transfer students, are strongly encouraged to participate in the interview day during the semester prior to their intended date of enrollment. More information on the interview process and deadlines can be found at https://musicdancetheatre.asu.edu/degree-programs/dance/undergraduate (https://musicdancetheatre.asu.edu/degree-programs/dance/undergraduate).

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply) for more details on Dance Interview Day requirements and deadlines.

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply) for more details on Dance Interview Day requirements and deadlines.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Dance transcends language, so students can explore their art in various countries, no matter the language. When studying abroad, students expand their view of dance through an international lens while exploring various dance forms at their origins, gaining knowledge that will help them become educators of the art. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The concentration in dance education lays the foundation for a career in teaching in public and private settings. Students earn an Arizona teaching certification while pursuing the dance education degree and they can expect to find employment in one of many thriving middle school and high school dance programs throughout the state, community settings or dance studios.

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

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/dance-dance-education-bfa
GHALL 232A

mdtadmissions@asu.edu
480-965-4206

Design Studies, BA (ARDSNBA)

Campus:

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BA program in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

This is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories: communication for design, design history and general design.

The program provides a design education, general and specific, for students who seek opportunities in the broader design sector or in graduate education.

Students may undertake the program in one of two specific concentrations: design studies, which allows students to discover myriad possibilities of design as a subject area as well as the flexibility that it provides for further exploration; or design management, which offers a selection of courses in management and human communication that complement design.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Although a specific career path is not the principal intention, graduates of the program have become involved in sales and marketing in the design sector; others have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

Contact Information:
Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://design.asu.edu/degree-programs
CDS 101
herbergeradvising@asu.edu
480-965-4495

Design Studies (Design Management), BA (ARDSNMBA)

Campus:

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BA in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

It is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories: communication for design, design history and general design.

It provides a design education, general and specific, for students who seek opportunities in the broader design sector or in graduate education.

The concentration in design management offers a selection of courses in management and human communication that complement design and allows for more focused study in these areas.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Although a specific career path is not the principal intention, graduates of the program have become involved in sales and marketing in the design sector; others have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

Contact Information:
Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://design.asu.edu/degree-programs
CDS 101
herbergeradvising@asu.edu
480-965-4495

Digital Culture, BA (HIDGCBA)

Campus: Tempe, Online

Program Description:
The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

This program is also offered as an accelerated degree with an MA in creative enterprise and cultural leadership. More information can be found on the Creative Enterprise and Cultural Leadership website: https://herbergerinstitute.asu.edu/degree-programs/creative-enterprise-and-cultural-leadership/about?dept=1400&id=1 (https://herbergerinstitute.asu.edu/degree-programs/creative-enterprise-and-cultural-leadership/about?dept=1400&id=1).

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application, and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-culture-ba/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All know techniques to change the world through communication using contemporary computational media, a vital power in the 21st century. Some graduates go on to invent fresh techniques.

Career opportunities include the following fields:

- audio
- comparative literature
- computing
- creative writing
- technical writing
- technology
- visual media

Digital culture alumni have obtained careers as:

- 3D modelers
- designers
- engineers
- graphic designers
- programmers
- software specialists

- special effects artists
- visual media artists

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/
STAUF B217
digitalculture@asu.edu
480-965-9438

Digital Culture (Art), BA (HIDGCABA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media. Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

The program is for students wishing to specialize in visual composition aspects of new media. Students complement their knowledge of digital culture with discipline-specific courses in the School of Art focused on the historical and theoretical aspects of visual arts, foundational visual arts skills and hands-on knowledge of visual composition through digital means.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates know techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the graduate programs through the School of Arts, Media and Engineering at ASU and other top interdisciplinary new media programs in the nation.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu
STAUF B217
digitalculture@asu.edu
480-965-9438

Digital Culture (Arts and Design Studies), BA (HIDCADSBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them. Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates know techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Digital Culture -- Arts and Design Studies concentration
The digital culture program with a concentration in arts and design studies is for students wishing to integrate transdisciplinary studies in design and the arts into new media applications.

Students complement their knowledge of new media with broad-based transdisciplinary studies in design and the arts.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Design), BA (HIDGCDBA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Digital Culture -- Design concentration
The digital culture program with a concentration in design allows students to specialize in hybrid (physical and digital) product and space design. Students complement their knowledge with an understanding of the principles of space and product design as well as the historical and theoretical aspects of design, and they develop integrative design approaches to the digital and physical elements of hybrid products and spaces.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)

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

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of digital culture have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the graduate programs through the School of Arts, Media and Engineering at ASU and to other top interdisciplinary new media programs in the nation.

Digital culture alumni have received job opportunities in the following fields:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for

Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/
STAUF B217
digitalculture@asu.edu
480-965-9438

Digital Culture (English), BA (HIDGCENBA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

The digital culture program with a concentration in English is designed for students who wish to explore the historical, scientific and theoretical intersections of art, media and technology. Sharing of stories and media through electronic communities, participatory art-making and creativity forums on the web, gaming, digital movies and effects, mediated public spaces and electronic design are only a few of the new activities that are defining and evolving culture. Students in the major assist in the establishment, evolution and proliferation of such culture at the state, national and international level. Students use tools of inquiry to examine, analyze and create works of art through a hands-on approach to communication, writing, rhetoric and literacies in collaboration with the English department.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. Students can find more information on the Global Experience website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All know techniques to change the world through communication using contemporary computational media, a vital power in the 21st century. Some graduates go on to invent fresh techniques.

Career opportunities include fields in which the following are sought: technology commentary, future studies, design fiction, technical writing, creative writing, comparative literature and fields in which collaboration is needed.

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture
STAUF B217
digitalculture@asu.edu
480-965-9438

Digital Culture (Film), BA (HIDGCFBA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Digital Culture -- Film concentration
The digital culture program with a concentration in film is for students wishing to integrate digital aspects of film into new media. Students complement their knowledge of digital culture with discipline-specific courses in the Sidney Poitier New American Film School that focus on the foundations of filmmaking practices, historical and theoretical aspects of film, knowledge of the film industry and hands-on knowledge of digital processes in filmmaking.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)

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

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of digital culture have a wide array of career opportunities in new media, involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for

Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture
STAUF B217
digitalculture@asu.edu
480-965-9438

Digital Culture (Graphic Information Technology), BA (HIDGCTEBA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The school prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, computation combined with objects, sound, video, time, space, culture and bodies; to breathe behavior into media, objects or systems by programming; and to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Digital Culture -- Graphic Information Technology concentration
This concentration program is offered in partnership with the Ira A. Fulton Schools of Engineering. Students complement their knowledge of new media with technology and new media entrepreneurship skills, knowledge of legal and ethical issues for technology, and additional skills in graphic communication, digital illustration and design methodology.

Students should be advised that while most requirements can be completed at the Tempe campus, courses specific to this concentration take place on the Polytechnic campus.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs

include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top transdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture
STAUF B217
herbergeradvising@asu.edu
480-965-9438

Digital Culture (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe

behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic era.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Digital Culture -- Interdisciplinary Arts and Performance concentration

This digital culture program in interdisciplinary arts and performance is offered in partnership with the New College of Interdisciplinary Arts and Sciences. The program focuses on a transdisciplinary and collaborative approach to the arts, technology and performance. It emphasizes the traditions of transdisciplinary, avant-garde and experimental arts and on contemporary art and performance. Courses include digital media arts, music and electronic sound art, performance studies, theatre and performance practice and digital graphics.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture
STAUFB 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Media Processing), BA (HIDGCMPBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in a media processing concentration should apply to the BS in digital culture (media processing) (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/HIDGCMPBS/undergrad/false).

Program Description:
The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques. Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media.

This digital culture program with a concentration in media processing is offered in partnership with the Ira A. Fulton Schools of Engineering. The program is designed for students who desire to specialize in media processing aspects of new media. Students complement their knowledge with a more advanced understanding of programming, data structures, signals processing and system architecture aspects of new media.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Media Processing), BS (HIDGCMPBS)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BS program in digital culture with a concentration in media processing is for students wishing to specialize in media processing aspects of new media.

This program teaches students to understand the transformative role of digital technology in cultural practice, society and day-to-day life, emphasizing the strongest emerging trends in cultural media: systems and processes that integrate digital technology with the everyday physical human experience. Students in the Bachelor of Science program complement the knowledge acquired through digital culture coursework with a more advanced understanding of the programming, data structures, signals processing and system architecture aspects of new media.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Substantial

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students must have a GPA of 3.00 to transfer into the digital culture program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs allow digital culture students to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, critical skills in this dynamic age. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and

scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities include positions in the following fields: graphic design, design, audio, visual media, computer science, technology, technical writing, creative writing and comparative literature.

Digital Culture alumni have obtained careers as graphic designers, 3D modelers, special effects artists, visual media artists, programmers, engineers and software specialists with Apple, Microsoft, CISCO, Industrial Light and Sound, PIXAR and other techno-centric companies.

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/
STAUF B217
digitalculture@asu.edu
480-965-9438

Digital Culture (Music), BA (HIDGCMBA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture -- Music concentration
In the digital culture program with a concentration in music, students complement their knowledge of digital culture with discipline-specific courses in the School of Music. These courses focus on understanding the foundations and historical and theoretical structures of commercial and popular music and the principles of electronic music composition and digital sound.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of digital culture have a wide array of career opportunities in new media to choose from, in fields such as:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture
STAUF B217
digitalculture@asu.edu

480-965-9438

Digital Culture (Theatre), BA (HIDGCTBA)

Campus: Tempe

Program Description:
The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in digital culture equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media and computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Digital Culture -- Theatre concentration
The digital culture program in theatre is for students who desire to integrate principles of design and production with digital culture. Students complement their knowledge of digital culture with discipline-specific courses in the School of Music, Dance and Theatre that focus on understanding the fundamentals and principles of theatre design, including scene, lighting, sound, costume and multimedia design, while developing art and technical direction and digital design skills.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Armed with skills and judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in the following fields:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture
STAUF B217
digitalculture@asu.edu
480-965-9438

Environmental Design, BS (HIEDSBS)

Campus: Tempe

Program Description:
The BS program in environmental design has an integrated curriculum offered primarily in a nonstudio format. The program is designed to create a deep awareness and knowledge of issues that influence the design of built environments and the design of artifacts in general.

The program of study emphasizes general knowledge and design research as well as offering focus areas. Focus areas include histories and theories of design; innovation, technology and design strategies; and sustainability in environmental design. The curriculum provides special understanding of theories, technologies, social issues and management aspects related to the student's chosen focus area. While studio courses cannot be taken as electives, students take career-specific design electives and the program prepares students for all graduate programs in The Design School.

This program is not a professional degree program but provides a broad base of skills and knowledge in environmental design.

Additional Program Fee: Y

Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can complement their ASU coursework with study abroad programs. Programs that focus on topics such as sustainability, design and ecotourism increase a student's multicultural engagement and expose them to the design of built environments in other parts of the world. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program may take on roles in offices, businesses, public institutions and industries that require an awareness of issues that affect environmental design. Additionally, graduates may choose to apply to graduate programs in related disciplines to pursue professional or other graduate degrees.

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu
CDN 162
herbergeradvising@asu.edu
480-965-4495

Fashion, BA (HIFSHBA)

Campus: Downtown Phoenix

Program Description:
The BA in fashion at ASU is a transdisciplinary program that provides students with a foundation that enables them to work across many segments in the fashion industry.

The fashion program combines history, business practices and hands-on studio experience to prepare students for a variety of roles in this global industry. Gaining a proficiency in illustration skills and fluency with materials, traditional techniques and digital technologies, students are prepared for interdisciplinary collaborations through coursework across marketing and merchandising, wearable technology, sustainability, management and leadership, international experience, and fashion and culture. In the capstone experience, students develop a substantial project within an area of focus. Opportunities for internships and study abroad further advance students' professional goals.

Through the leadership of well-known industry professionals, students with this bachelor's degree in fashion are connected globally to leaders in the industry.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Fashion varies from country to country, city to city and culture to culture. Studying abroad exposes students to unique cultural environments and allows students to expand their fashion knowledge in diverse settings. Students are challenged to adapt and persevere under unfamiliar social and cultural circumstances, which allows them to grow and prosper in their professional and personal lives. Students have the opportunity to enhance their resume and portfolio with a global perspective gained by studying abroad.

The Herberger Institute for Design and the Arts recommends the following study abroad programs for students majoring in fashion: https://goglobal.asu.edu/students/major/herberger/fashion (https://goglobal.asu.edu/students/major/herberger/fashion).

Career Opportunities:
Graduates are prepared to enter the fashion industry in any of a number of roles. Some examples are:

- curator
- fabric designer
- fashion business analyst
- fashion designer
- marketing researcher
- merchandise display and window designer
- supply chain manager
- textile and apparel production manager

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/
ART 102
herbergeradvising@asu.edu
480-965-8521

Film (Film and Media Production), BA (FAFLMBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options, such as the BFA in Film and Media Production.

Program Description:
Students pursuing the BA in film with a concentration in film and media production develop a comprehensive and practical knowledge of digital media production, an awareness of the impact of media and entertainment on audiences and culture, and an understanding of the role of the artist in society.

Students in this degree plan have access to digital cameras, lighting and sound equipment, post-production software and facilities, and other resources --- including talented and dedicated peer and faculty colleagues who will give them multiple opportunities to produce projects of exceptional quality.

Students choose one of three upper-division tracks of study: directing; producing and screenwriting; and media technology including cinematography, post-production and sound. Each course of study is supported by the degree-wide emphasis on ethical filmmaking practices, innovative creative expression and preparation for a career as an industry professional.

The program is offered by The Sidney Poitier New American Film School.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

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

Additional Requirements:
All film students are admitted to ASU into the Bachelor of Arts in film, filmmaking practices concentration. Students who wish to pursue the highly selective, studio-based Bachelor of Arts in film with a concentration in film and media production must complete the 15 hour film core and successfully pass an interview and review of their creative work to enter the concentration. This interview and creative work review generally takes place in the third or fourth term at ASU.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad provides students a once in a lifetime opportunity to explore the globe while developing unique skills that can make them stand out in the competitive field of film and media. Students can observe international media culture firsthand in places like New Zealand, Iceland and France. In addition to becoming equipped with intercultural, communication, and leadership skills, students have the chance to learn languages and expand their international network. Students can learn more on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The film and media production degree program provides students with the knowledge and experience to prepare them to enter careers in media and entertainment as:

- cinematographers and camera operators
- directors for motion pictures, television and documentary
- editors and post-production specialists
- producers and production executives
- screenwriters for motion pictures and television
- videographers and digital media content creators

The bachelor's degree program is an excellent broad-based foundation for work in the profession or to prepare students for further training at graduate schools or conservatories.

Contact Information:
Design and the Arts, Herberger Institute for
The Sidney Poitier New American Film School
https://film.asu.edu/
GHALL 232
fdt@asu.edu
480-965-5337

Film (Filmmaking Practices), BA (FAFPRBA)

Campus: Tempe, ASU@Los Angeles

Program Description:
Students who pursue the BA in film with a concentration in filmmaking practices receive grounding in fundamental production skills; entertainment and media ethics; feature, short and episodic screenwriting; and general film and media industry history and practices.

Course offerings focus on key professional skills such as screenwriting for feature films, television, and new media; and producing practices, including on-set production and production management, business and legal matters, professional and technical writing, and production for feature films, television and the Internet.

Production experience is regularly available through select lower-division courses that provide creative coursework options, the upper-division course FMP 300, and credited opportunities to work on projects produced by students, faculty and The Sidney Poitier New American Film School. All students complete a year-long senior project, initiated and developed by the students and supported with dedicated faculty mentorship, and are

supported in their professional goals through the innovative Film Spark program in Los Angeles. There is also a unique Semester in L.A. program available to senior-year students, as well as industry boot camps and job and intern fairs.

The Los Angeles location for the BA in film with a concentration in filmmaking practices is accepting transfer students with an associate degree in film or media production from select California community colleges for the fall 2022 term.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
The Los Angeles location for the BA in film with a concentration in filmmaking practices accepts transfer students with an associate degree in film or media production from California community colleges, beginning fall 2022.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The unique experience of study abroad provides students a once in a lifetime opportunity to explore the globe while developing unique skills that can help them stand out in the competitive field of film. Students can observe international film industries firsthand in places like New Zealand, Iceland and France. In addition to becoming equipped with intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network. For more information, students can visit the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:

The filmmaking practices concentration provides preprofessional students with the knowledge and experience that prepare them for entry-level positions in media and entertainment production; producing; public relations, marketing and management; and for advanced graduate-level education. Screenwriting allows students to develop a diverse and unique writing portfolio and an understanding of the creative and professional skills required to establish and maintain a successful career as a writer.

Contact Information:
Design and the Arts, Herberger Institute for
The Sidney Poitier New American Film School
https://film.asu.edu/
GHALL 232
fdt@asu.edu
480-965-5337

Film and Media Production, BFA (HIFMPBFA)

Campus: Tempe

Program Description:
The BFA program in film and media production connects students with creative experiences and pre-professional training, focusing on ethical practices, cutting-edge technological skills and interdisciplinary collaboration. Students are empowered to master digital technologies to create stories that reflect their unique vision and voice.

Beginning with foundational courses that situate the film and media artist as an active citizen-storyteller with a responsibility to their community, students work through a series of structured milestones and projects that culminate in the presentation of a professional digital portfolio.

The curriculum also includes interdisciplinary requirements and elective options from across ASU to ensure that students experience connections between the arts, cultures and the creative process. Beginning in fall 2022, upper-division production courses are housed in a new, state-of-the-art facility in downtown Mesa.

Students also benefit from the California-based program Film Spark, including a fourth year Semester in L.A. program, annual job and internship fairs, professional boot camps, and events located at the Herald Examiner Building in downtown Los Angeles.

Graduates are prepared for success in the growing media industry, to pursue a graduate degree, or to pioneer new careers that will require advanced media production skills, a professional work ethic and a strong creative voice.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student must have an overall GPA of 2.50 in order to transfer into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website: https://goglobal.asu.edu (https://goglobal.asu.edu).

Career Opportunities:
Graduates who earn this degree are prepared to pursue a wide array of skilled professional careers, including:

- animation and visual effects artist
- film, television, documentary and new media director
- film and media teacher
- media editor
- producer
- production, studio, or network executive
- professional videographer
- public relations specialist for arts and entertainment
- sound designer
- sound recording engineer
- talent manager

Contact Information:
Design and the Arts, Herberger Institute for
The Sidney Poitier New American Film School
https://film.asu.edu
GHALL 232
filmadmissions@asu.edu
480-965-5337

Graphic Design, BSD (ARGRABSD)

Campus: Tempe, Online

Program Description:
The graphic design program in The Design School is committed to excellence in traditional and contemporary graphic design education, professionalism, research and service for the community at large. Faculty, alumni, students, and visiting designers and educators constantly reinforce the link between society and nature and vigorously advocate quality in developing communication strategies.

The BSD curriculum acknowledges the need for creative environments that address ecological concerns and encourages students to develop sustainable, transdisciplinary work sensitive to cultural aesthetic. The curriculum develops a strong foundation of design principles through lower-division studio and lecture courses, using this to build an overall understanding of how design can shape perception and meaning using visual media. Upper-division studio courses provide opportunities for students to work in collaborative teams addressing professional projects in information design, interaction design, exhibition design, animation, motion graphics, branding, publication design, web design, interface design and the multiple contemporary facets of sensorial design.

Graphic designers are responsible for designing how information is communicated. Forms of communication include print, video, film and electronic (web). Graphic designers are concerned with appearance, choosing the appropriate mechanism for communication, clarity of information and its effectiveness and how communication is transferred and received.

The Bachelor of Science in design program in graphic design places an emphasis on strategic communication developed through a design process that includes research, analysis, conceptualization, planning and realization. The process leads to innovative visual communication design solutions for contemporary design problems that are local to global in scope.

All students who are admitted to the major must pass a degree milestone at the end of the first year to continue in the major. For more information on the milestone process, students should visit The Design School milestones webpage: https://design.asu.edu/resources/students/milestones (https://design.asu.edu/resources/students/milestones). This is an eight-semester graphic design program that requires sequential completion of studio coursework or approved equivalent at any point of entry.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-design-major/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs provide graphic design students with a chance to explore different ways of communicating information visually across cultures. Students can gain a global perspective and knowledge while earning ASU credit for courses completed in countries like the Netherlands, Germany and many more, in preparation for a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Based on a diversified portfolio upon graduation, those who opt for the graphic design profession gain employment in:

- advertising and marketing design
- brand and corporate identity design
- broadcast (TV graphics) design
- interaction and interface design
- museum or exhibition design
- publication design
- visual communication design
- web design

Specific examples of graphic designers' work include:

- annual reports
- books
- environmental graphics
- information design
- motion graphics
- multimedia presentations
- publications
- websites

Graduates also may pursue graduate studies leading to careers in design education and other fields of professional endeavor in design.

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu/degree-programs
CDN 162
herbergeradvising@asu.edu
480-965-4495

Industrial Design, BSD (ARINDBSD)

Campus: Tempe

Program Description:
Industrial designers are responsible for the design of product and service systems that people use in their everyday lives. The BSD in industrial design at ASU focuses on a new model of transdisciplinary product development called integrated innovation. Using this model of innovation, students systematically work through a matrix of four questions:

- What is valuable to users?
- What is possible through engineering?
- What is desirable to business?
- What is good for society and the environment?

Students learn how to create product and service systems that benefit society while minimizing impacts on the environment, that can be realized through appropriate technology and engineering, that create measurable value for business, and which satisfy people's needs.

All students who are admitted to the major must pass a degree milestone to continue in the major at the end of the first year. For more information on the milestone process, students should visit The Design School's milestones webpage. https://design.asu.edu/resources/students/milestones (https://design.asu.edu/resources/students/milestones)

This is an eight-semester program requiring sequential completion of studio coursework or approved equivalent at any point of entry.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Through study abroad programs, industrial design students learn flexible ways of thinking that contribute to their ability to meet the program goal of creating products and service systems that benefit society. They gain a global perspective and knowledge in preparation for a 21st century career, all while in an international setting. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
After completing the program successfully, graduates have the option of working as designers in several capacities:

They may obtain employment as members of in-house design teams at corporations in a variety of industries including:

- consumer goods
- furniture
- health care and medical products
- packaging design
- sports and outdoor goods
- toys
- trade show and exhibit design
- transportation and mobility device design
- user interface design

Graduates may obtain employment with consulting firms that design products and services for a variety of clients. They may obtain employment with nonprofit institutions or nongovernmental organizations addressing specific social or environmental problems. They may pursue entrepreneurship opportunities; some graduates have established their own design and manufacturing ventures. Or, graduates may pursue teaching a variety of courses in art and design schools, colleges or universities, part time or full time.

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu/degree-programs
CDN 162
herbergeradvising@asu.edu
480-965-4495

Interior Design, BSD (ARINTBSD)

Campus: Tempe

Program Description:
The BSD program in interior design at The Design School explores how people inhabit, interact with and transform interior environments. Interior designers create environments within buildings that meet the physical and psychological needs of individuals and institutions, providing a useful, rich and rewarding environment for users. Interior design involves the design of space, equipment and furniture. It requires substantial technical and organizational understanding; sensibility to form, lighting, color and texture; and an awareness of design history and theory.

All students admitted to the major must pass a degree milestone at the end of the first year to continue in the major. For more information on the milestone process, students should visit The Design School's milestones webpage: https://design.asu.edu/resources/students/milestones (https://design.asu.edu/resources/students/milestones). This is an eight-semester program requiring sequential completion of studio coursework or approved equivalent at any point of entry.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Interior design students have the chance to see many different design styles across cultures when studying abroad. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), international experiences are possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while

staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students can find more information on available programs on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates find employment opportunities with interior design firms, architecture firms or corporations and governmental entities of any size. Firms may specialize in interior design for residential, commercial, retail, hospitality, institutional and health care spaces. Career specialties include historic restoration, branding, sustainability, new product innovation and incorporation of new technology.

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

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu/degree-programs
CDN 162
herbergeradvising@asu.edu
480-965-4495

Landscape Architecture, BSLA (ARPLABSLA)

Campus: Tempe

Program Description:
The BSLA program offers students the opportunity to engage with the community in applied projects that focus on designing sustainable outdoor environments and improving the ecological and social health of the urban environment.

Undergraduate landscape architecture projects can range from large-scale work encompassing urban design, landscape restoration, open space preservation planning, community planning and landscape ecological design to projects at the more intimate scale of a neighborhood park or residential backyard. Emerging areas of focus include creative placemaking; environmental equity, green roofs and living walls; restorative environments; sustainable design; and urban climate design. Students complement their design learning with electives from a broad range of approved courses.

Completion of the Bachelor of Science in landscape architecture ensures graduates have the qualifications to take the Landscape Architect in Training examination leading to registration as a professional landscape architect. As the only undergraduate degree offered at The Design School which leads directly to professional registration and as an entry point to the profession, above average or higher performance is required for success.

Students should see the Bachelor of Science in landscape architecture major map for details on specific courses and semester curricula.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad provides the opportunity to view marvels of landscape architecture up close and in person, like the garden of Louis XIV in Versailles, France; the rock garden at Ryoan-ji Temple in Kyoto, Japan, and the Piazza del Campo in Siena, Italy. Students gain a global perspective and knowledge in preparation for a 21st century career while earning ASU credit for completed courses and staying on track for graduation. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The bachelor's degree program is designed to prepare students for landscape architecture professional practice and advanced study at the graduate level. Graduates have found employment in nationally recognized firms working with notable landscape architects in large multinational firms or in public agencies. Alumni have also gone on to pursue advanced study at universities with distinguished graduate programs in landscape architecture and allied design fields.

The U.S. Bureau of Labor Statistics projects employment for landscape architects to grow 4% between 2018 and 2028, about as fast as the average for all occupations. The bureau also notes employers prefer hiring entry-level landscape architects with internship experience to significantly reduce the amount of on-the-job training. The bachelor's degree program has an internship requirement meant to address this preference and better prepare graduates for employment.

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

Contact Information:
Design and the Arts, Herberger Institute for
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https://design.asu.edu
CDN 162
herbergeradvising@asu.edu
480-965-4495

Music, BA (FAMUSBA)

Campus: Tempe

Program Description:
The BA in music provides students with a broadly based liberal arts degree. Students receive a strong foundation in music theory and music history while completing lessons on their major instrument. The curricular core provides students with the opportunity to explore music as human history, cultural artifact and social behavior. Students may combine the degree with another major or minor within ASU.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotion
- music publishing
- performing in community and professional ensembles in a variety of styles and traditions
- teaching in a private studio or community program

Many graduates pursue a master's degree or a doctorate in music or another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-ba
MUSIC E167
MDTStudents@asu.edu
480-965-5069

Music (Music and Culture), BA (HIMUSMCBA)

Campus: Tempe

Program Description:
The BA in music with a concentration in music and culture is a broadly based liberal arts degree program offering the most elective flexibility of any ASU music major.

The program provides skills applicable to careers in music and many other fields (e.g., librarianship, arts festival management or production, criticism, audience education, recruitment, artist representation, publishing, creative writing). Students may develop mainstream competencies such as performing or writing about Western European music, conducting, and teaching about music. They may also pursue coursework in popular music, acoustics, advocacy of wellness through music, dance as musical embodiment and selected musical competencies of Asia, Latin America and other areas.

Students explore music as human history, cultural artifact and social behavior, and engage in interdisciplinary thinking and academic research and writing. Because of the high percentage of elective courses, students may tailor both the General Studies courses and the music electives to suit their career goals.

Additional Program Fee: Y
Second Language Requirement: Yes

First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

The following comprise the audition process for admittance to the music and culture concentration:

- Students must submit a writing sample, which will be evaluated by all musicology faculty members.

Students must submit evidence of musicianship broadly defined (basic notational literacy plus live audition on, for example, didgeridoo or gospel-style composition, or documented transdisciplinary installation including music), which will be evaluated by all musicology faculty.
- Students must attend an interview with at least three musicology faculty members.

- Each student will be matched with a musicology advisor at the time of acceptance. The advisor will assist them in the choice of ensembles (as qualified) and electives to support their programs of study. Students must audition and be accepted into large ensembles following established procedures.

- Students who wish to take studio lessons as part of the degree must audition for the appropriate performance faculty members. Students should follow the audition requirements for the BA in music.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.
Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), music and culture students have the opportunity to experience music of their area of focus in the music capitals of the world. Students gain a global perspective and knowledge in preparation for a 21st century career while earning ASU credit for completed courses and staying on track for graduation. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program prepares students for potential careers in fields that require skilled written communication, the ability to conduct research both in electronic and print media, critical and logical thinking, the dissection of an argument and careful time management.

In addition to the careers listed below, graduates may pursue jobs in music and medical humanities or copyright and entertainment law. Graduates are prepared to work in various professional capacities, including:

- community and professional ensemble performance in a variety of styles and traditions
- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotionmusic in culture, music blogging
- music librarianship
- music publishing, program annotation
- private studio or community program teaching

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music (Popular Music), BA (HIMUSPMBA)

Campus: Downtown Phoenix

Program Description:
The popular music concentration within the BA program in music at Arizona State University welcomes and accommodates 21st century musicians interested in popular music, music industry studies and entrepreneurship. This includes singers and songwriters, laptop performers, producers, composers, instrumentalists, vocalists and musicians whose practices and playing styles are representative of varied popular music idioms. Students can elect to choose either the performer or non-performer track, following the flexible major map to cater to their desired experience.

All students in this concentration develop general musicianship and foundational skills which prepare them to specialize in areas of study which include songwriting, production, composition, performance, engineering, sound design, live sound and event production, music business, popular music education and advocacy work. Students participate in both group and individual applied study in chosen specializations, augmented by yearly special programing and opportunities. All students gain a working knowledge of the music industry and music business, and the entrepreneurial skills necessary to gain meaningful employment upon graduation.

Internship courses provide opportunities for students to apply their learning in a real-life context and begin building relationships. A capstone senior year allows students to work more intimately with faculty on perfecting their craft as well as preparing for the shift from ASU to the industry.

Students are required to have a personal laptop capable of running a digital audio workstation, and they may need to purchase music software applications depending on their specialization.

Students attend classes at the Downtown Phoenix campus.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Audition Process for admittance to BA in Music (Popular Music) concentration:

Artist Statement:

All auditioning students must submit an artist statement explaining both their current work and vision of their future work in popular music. A minimum of 250 words is required.

Audition:

Live auditions or recorded auditions are required for admission to the BA program in popular music and for placement in MUP 111 Studio Instruction in popular music. A live audition consists of a 15-minute performance or presentation consisting of three to five selections of live or digital music performance. The selections may be original works or selections from popular music repertoire. The audition also includes scales, improvisation and aural skills. Students may also provide a recorded sample of their creative popular music work if they so choose.

For students seeking to pursue popular music performance, a live or recorded performance video is required for at least part of the audition. For other disciplines in which a video is not possible (studio recording, music creation and composition), students are required to submit a digital audio sound recording of three to five selections.

The audition also includes a live or remote interview. A live audition is preferred. Applicants who are unable to visit the campus for a live audition may upload a recorded audition to the School of Music, Dance and Theatre application. These students will be contacted by faculty to arrange a remote interview.

Students interested in pursuing classical music lessons are required to follow the classical repertoire audition requirements for MUP 111 Studio Instruction in addition to auditioning for MUP 111 Studio Instruction in popular music.

Transfer Admission Requirements:
Students transferring from community colleges, other universities or other ASU programs engage in the same audition process as first-year

students.

Transfer students are encouraged to audition during the semester before they wish to enroll at ASU. They will also take piano and music theory diagnostic exams at that time to ensure placement in appropriate coursework.

Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A") and may change their major to the BA in music with a concentration in popular music if they successfully complete the audition process required for admittance and are accepted into the degree program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bachelor of Arts in music with a concentration in popular music prepares students for potential careers in the popular music industry that involve creativity and creating new work, being a flexible musician, collaborating with others in the community and having knowledge of music business and music marketing. Possible jobs include:

- concert manager and promotor
- contemporary composer
- entrepreneur and music marketer
- live sound engineer and live experience designer
- music performer in the popular music sector
- music publisher
- nonprofit arts-related worker
- songwriter or producer
- studio engineer or sound designer
- teacher a private studio

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/undergraduate
MUSIC 167
mdtadmissions@asu.edu
480-965-5069

Music Learning and Teaching, BMUS (FAMUSEBM)

Campus: Tempe

Program Description:
In the BMUS program in music learning and teaching, students develop skills to become a music educator in a variety of K-12 school and community settings. Coursework and lab participation develops strong pedagogical skills and flexible musicianship, to deepen and broaden student's music making in varied styles and contexts, including contemporary digital music making. They also develop the abilities to facilitate people's music engagement and learning in varied settings.

Upon completion, students can earn a K-12 teaching certification with multistate reciprocity.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains as a music audition major and needs to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to teach in public and private school music programs that offer a variety of music classes, including general music, choir, band, orchestra, strings, guitar, jazz, music production, music technology and popular music.

Graduates work in various professional or entrepreneurial capacities, including:

- performing in community and professional ensembles in a variety of styles and traditions or as a freelance musician in venues, such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school and community programs as artist-in-residence
- teaching and directing in a private studio or community programs
- working in music-related fields such as media production, music business, publishing, marketing and education.

Many graduates pursue a master's degree or a doctorate in music learning and teaching, in music or the arts, or in another professional field.

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

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-learning-and-teaching-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Music Therapy, BMUS (FAMUSTHBM)

Campus: Tempe

Program Description:
The BMus program in music therapy prepares students for a career in health care, community-based and special education settings. Music therapy majors learn to use carefully planned music interventions to achieve desired changes in a client's individualized behavior and functioning.

Music therapy is a profession in which engagement and receptive or active music-making help a client achieve individual therapeutic goals. Music therapy students develop a wide range of musical, verbal and nonverbal skills through the programs' many opportunities to work in clinical settings. Students also study:

- human anatomy
- musical improvisation
- popular music styles
- psychology
- songwriting
- special education
- world music

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are eligible to sit for the music therapy certification examination given by the Certification Board for Music Therapists. They should visit the ASU professional licensure website for information about licensure in Arizona and other states. https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure)

Positions are available regionally and nationally in hospitals, schools, rehabilitation centers, nursing homes and other health care facilities. Graduates are prepared to work in the fields of community music therapy and wellness, geriatric care, mental health, physical rehabilitation, special education, or within veteran and military populations.

A music therapy career may also provide an opportunity for private practice with flexible hours.

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

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-therapy-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Collaborative Piano), BMUS (FAMUSPPBM)

Campus: Tempe

Program Description:
The BMus program in performance with a concentration in collaborative piano offers private instruction in solo and collaborative piano; coaching with faculty on chamber music, song, operatic and musical theatre repertoire; and opportunities with large ensemble and choral programs. This diverse training leads directly to vibrant collaborative performance experiences in all areas, including collaboration with colleagues in dance and theatre. Collaborative piano students regularly perform with their vocal and instrumental colleagues in concerts at ASU and throughout the valley, including concerts at the Scottsdale Center, the Kerr Cultural Center, Tempe Center for the Arts and the renowned Musical Instrument Museum.

The program focuses on the core repertoire of song, piano chamber music, opera and musical theater. Collaboration within the School of Music, Dance and Theatre involves all performance areas, including classes and opportunities with the music theatre and opera programs, concerts with large ensembles and choirs, duo recitals with instrumental and voice colleagues, and performances of chamber music literature as part of the Visiting Quartet Residency program.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees

(https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who experience music in different countries expand their understanding of musical performance. Many ASU faculty are involved in summer music festivals throughout the world, and often bring their ASU students to experience this global environment of collaboration.

With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a collaborative pianist with singers, instrumentalists, choral ensembles, or large instrumental ensembles pianist for musical theatre or opera productions
- performing as a pianist for music recording and studio work
- teaching in a private studio or community music program
- working as a vocal coach
- working collaboratively in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-collaborative-piano-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Guitar), BMUS (FAMUSPGBM)

Campus: Tempe

Program Description:
The BMus in performance with a concentration in guitar is a program that focuses on the study of classical guitar literature and techniques. Goals include enabling students to express themselves musically while emphasizing the skills necessary to pursue careers as professional musicians. The course of study includes extensive performance experiences.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
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Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

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Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

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Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
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Global Opportunities:
Global Experience:
Students who experience music in different countries can expand their understanding of musical performance. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles or as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-guitar-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Jazz), BMUS (FAMUSPJBM)

Campus: Tempe

Program Description:
The BMus in performance with a concentration in jazz prepares students for professional careers and leadership roles in jazz and related fields of contemporary music by promoting flexible musicianship and an understanding of the jazz tradition.

The curriculum includes course offerings in jazz performance, composition, arranging, history, theory, aural skills and pedagogy and is designed to incentivize artistic expression, innovation, and the exploration of blues-based improvisation, bebop, Latin jazz, swing and soul music.

Students in the ASU jazz studies program find an abundance of performance opportunities in the many university ensembles and professional groups that perform in the greater Phoenix metropolitan area.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who experience music in different countries can expand their understanding of musical performance. Study abroad opportunities in countries such as France and South Africa can shape the student musically while offering the global perspective and knowledge necessary to pursue a career as a professional musician in an international environment. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- accompanying
- composing or arranging jazz
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-jazz-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Keyboard), BMUS (FAMUSPKBM)

Campus: Tempe

Program Description:
The BMus in performance with a concentration in keyboard is a program that focuses on the study of literature and techniques of the piano or organ. Goals include enabling students to express themselves musically while emphasizing the skills necessary to pursue a career as a professional musician. The course of study includes extensive performance experience.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions

(https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who experience music in different countries can expand their understanding of musical performance. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks

- presenting school programs or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching privately or in a professional music school, a college or a university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-keyboard-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Music Theatre), BMUS (FAMUSPMBM)

Campus: Tempe

Program Description:
The BMus in performance with a concentration in music theatre is an intensive, performance-oriented program designed to hone all the skills necessary for the complete musical theatre artist.

Training includes private voice lessons every semester of study as well as specialized instruction in acting, dance, audition techniques, technical production, repertoire classes, scene study and performance. A unique feature of this program includes an innovative sequence of musical theatre performance courses designed to synthesize all the abilities necessary to succeed as a professional musical theatre performer.

ASU is unique in that students may receive professional training in both opera and musical theatre in a broad variety of musical theatre styles, from traditional to contemporary. Two musicals and two operas are produced each year, plus new works and student-led productions. The annual showcase in New York City and Phoenix as well as formal collaborations with Arizona Opera and The Phoenix Theatre Company provide additional performance opportunities and valuable career immersion experiences for all students.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Once admitted to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains as a music audition major and will need to successfully pass the music audition milestone in the

first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This degree program is designed for individuals who plan a career as a performing singer and actor in opera, operetta, musicals and other forms of musical theatre. Graduates become conductors, teachers, singers and actors and are prepared to work in various professional capacities, including performance:

- at universities, colleges and schools
- in major opera houses
- in national touring companies
- on Broadway

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-music-theatre-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Orchestral Instrument), BMUS (FAMUSPOBM)

Campus: Tempe

Program Description:
The BMus program in performance with a concentration in an orchestral instrument focuses on the study of music literature and techniques on a specific orchestral instrument.

Students receive coaching from world-renowned faculty and visiting guest artists, attend master classes, and receive extensive performance experience in large ensembles, as a chamber musician and as a soloist.

Students study a specific orchestral instrument intensively with a faculty member for eight semesters including major repertoire, solo literature and chamber music. Additionally, students learn skills that are needed to be a highly successful working musician including audition preparation, networking, learning organizational strategies, opportunity creation and developing an entrepreneurial mindset.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who experience music in different countries can expand their understanding of musical performance. Study abroad opportunities in countries such as Russia and Italy can shape the student musically while offering the global perspective and knowledge necessary to pursue a career as an international professional musician. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist, as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks, or performing in orchestras, chamber music ensembles, music theatre and opera pit ensembles
- presenting school and community programs
- recording and studio work
- teaching privately or as part of a college or university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-orchestral-instrument-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Voice), BMUS (FAMUSPVBM)

Campus: Tempe

Program Description:
The BMus program in performance with a concentration in voice focuses on the study of vocal technique, repertoire and performance while emphasizing the skills necessary to pursue a career as a classical singer. The program provides extensive performance experience as well as an inclusive and supportive environment with opportunities to explore many different singing styles.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event an applicant is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who experience music in different countries can expand their understanding of musical performance. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional and entrepreneurial capacities, including:

- performing as a soloist, stage performer, choral singer or freelance musician in venues such as opera houses, theatres, concert halls, churches, clubs, cruise ships, resorts, restaurants and theme parks
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing, marketing or arts administration

Many graduates pursue a master's degree or a doctorate in music or another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-voice-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance and Movement, BA (HIPERMVBA)

Campus: Tempe

Program Description:
The BA program in performance and movement is an inclusive, transdisciplinary degree program that encourages students to develop both collaborative approaches to learning and professional industry skills in the performing arts. This program is grounded in cultivating community practice through theatre and dance.

The bachelor's degree program is located within the ecosystem of Phoenix and enables students to understand, deconstruct and uplift diverse artistic modes across media and encourages the student to create a flexible degree program that intersects and engages these areas of interest. This degree program offers a number of focus areas: dance and theatre, social and partnership dance and Hip Hop arts.

Dance and theatre --- The dance and theatre focus area is designed for dancers who seek experience working with theatrical performance and acting, actors and performers who seek to balance text and voice work with movement exploration, and writers and directors who want to explore a wide range of approaches to live performance.

Social and partnership dance --- The social and partnership dance focus area is an innovative program that allows students to explore multiple styles and approaches in social and partnership dance both in formal classroom study and informal student-centered community events. The focus area seeks to prepare future Afro-Latin social and ballroom dance leaders with pedagogical, performance and community-building strategies to support the need for serving local and national community engagement in social dance as a means to create social transformation and change.

Hip Hop arts --- The Hip Hop focus area is designed for the student interested in melding intersectional embodied practice, social justice and Hip Hop culture by offering a critical look at the historical, social and practical application of Hip Hop scholarship and culture. The program focus spans various forms of Hip Hop artistry and expression through thought-provoking, in-studio courses and hands-on practical application and connects students with scholars and hip hop practitioners to embrace the interdisciplinary nature of Hip Hop arts: dance, music, visual and voice.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The bachelor's degree in performance and movement provides an excellent broad-based foundation for work in the arts or entertainment professions and readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis combined with a focus on physical presence prepares graduates for a variety of occupations in both performance and nonperformance fields. Opportunities may include work with:

- arts entrepreneurship
- professional performing
- studio ownership and management
- themed entertainment

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-and-movement-ba
GHALL 232A
mdtadmissions@asu.edu
480-965-4206

Theatre, BA (FATHEBA)

Campus: Tempe

Program Description:
The BA program in theatre provides students with a hands-on theatre education within a broad-range of academic opportunities. Every student is encouraged to develop their own creative process through collaboration and to pursue many areas of theatrical study and practice.

The program offers specialty coursework in the following areas:

- acting
- community engagement
- design and production
- directing
- dramatic literature and dramaturgy
- educational certification
- new work development
- theatre history
- theatre for youth
- voice and movement

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

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

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying theatre can find inspiration and deepen their understanding of theater through a study abroad program. Places like England, New Zealand, Asia and Italy provide a beautiful stage for cultural and artistic experiences. Vital qualities in the field of theater such as leadership, teamwork and communication can be developed and honed abroad. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The bachelor's degree program in theatre provides an excellent foundation for work in the arts and entertainment and prepares students for further training at graduate schools or conservatories.

The program's broad-range of academic opportunities prepares graduates for a variety of occupations in the entertainment industry. Opportunities may include work with:

- arts entrepreneurship
- concert venues
- corporate events
- literary agencies
- schools and training programs
- theatre and arts festivals
- theme parks

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Acting), BA (FATHEABA)

Campus: Tempe

Program Description:
The BA program in theatre with a concentration in acting provides students with a hands-on education that emphasizes performance in both live theatre and recorded media. Within the context of a comprehensive liberal arts education, the program prepares students for both advanced

graduate study in the field and entry-level careers in acting and performance. The program offers specialty coursework in the following areas:

- film
- movement
- new work development
- performance styles
- theatre for youth
- voice and speech

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students interested in the BA in theatre with a concentration in acting are admitted directly into the major by indicating their degree preference on their ASU admission application.

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying theatre can find inspiration and deepen their understanding of theater through a study abroad program. Countries like England, New Zealand and Italy provide a beautiful setting for cultural and artistic experiences. Vital qualities in the field of theater such as leadership, teamwork and communication can be developed and honed abroad. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The bachelor's degree program in theatre with a concentration in acting provides an excellent broad-based foundation for work in the profession. It prepares students for advanced graduate study and independent career pursuits in performance. It offers students advanced study that can lead to careers in professional theatre, film, television, media, education and other related arts disciplines.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/
GHALL 232A
mdtadmissions@asu.edu
480-965-4206

Theatre (Design and Production), BA (FADSNPRBA)

Campus: Tempe

Program Description:
This BA program in theatre with a concentration in design and production provides students a hands-on education with an emphasis on design and production for entertainment. The concentration utilizes cutting edge technologies to create unique worlds onstage and in the classroom. Within a broad-range of academic opportunities, the program prepares students for both careers in entertainment design and production and for graduate study in the field.

The program offers specialty coursework in the following areas:

- costume construction
- costume design and technology
- digital fabrication
- lighting design and stage electrics
- media design and technology
- properties construction
- scenic art
- scenic design and scenic art
- sound and media systems design
- sound design and technology
- stage management
- technical direction

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad can prepare a future professional in the arts not only with cultural experiences but also with professional skills like collaboration and problem-solving. Opportunities include deep artistic immersions in Europe, Asia, and New Zealand, while learning alongside peers from other countries. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The bachelor's degree program in theatre with a concentration in design and production provides an excellent foundation in the performing arts and entertainment industries for those who want to work as designers or technicians, prepares students for further training at graduate schools or conservatories, and provides each student the unique opportunity to explore their own creative process and ability to collaborate with others. Additionally, the program's liberal arts emphasis prepares graduates for a variety of careers.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/theatre-design-and-production-ba
GHALL 232A
mdtadmissions@asu.edu
480-965-4206

Theory and Composition (Composition), BMUS (FAMUSTCBM)

Campus: Tempe

Program Description:
Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition. Students who choose the composition concentration earn one degree in composition.

In the concentration in composition, students focus on developing varied techniques for writing music for assorted genres and media including chamber, orchestra, electronic music, and film and video scoring. The School of Music, Dance and Theatre offers students the opportunity to study with composers who have established national and international reputations.

This program may be used as the first step toward a master's degree or doctorate in music composition or another graduate academic music degree.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on a composition interview. Interviews take place in November (spring admission) and in February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an interview process. Students are admitted as music audition students and must successfully complete the composition interview before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the interview milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees).

Spring admission: The deadline to apply for admission to this program is October 1.

Fall admission: The deadline to apply for admission to this program is December 1.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees).

Spring admission: The deadline to apply for admission to this program is October 1.

Fall admission: The deadline to apply for admission to this program is December 1.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Music transcends language and cultural boundaries; students deepen their understanding of composition through unique study abroad experiences. With over 250 programs around the world, students can build the experience most suited to their personal goals and skill sets. Students gain an enhanced understanding of how music affects culture and how they can communicate globally through their compositions. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions
- serving as an artist-in-residence in school programs
- teaching in a private studio and community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/theory-and-composition-composition-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Theory and Composition (Theory), BMUS (FAMUSTTBM)

Campus: Tempe

Program Description:
Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition. Completion of the requirements for the concentration in theory results in the awarding of one degree in either theory or composition.

Students who select the concentration in theory take courses focus that explore various facets of the discipline such as tonal harmony, formal analysis, counterpoint and topics in 20th and 21st century music, studies in music composition, jazz and popular music. Students work with faculty who specialize in theory and whose research areas range from tonal music to music cognition to innovative analytical approaches.

This program may be used as the first step toward a master's degree or doctorate in music theory or another graduate academic music degree.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Auditions take place in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements:
Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees) for complete music deadlines.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Change of Major Requirements:
An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU

(https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTTBM~null + &college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Music transcends language and cultural boundaries; students deepen their understanding of music theory through unique study abroad experiences. With over 250 programs around the world, students can build the experience most suited to their personal goals and skill sets. Students gain an enhanced understanding of how music affects culture and how they can communicate globally through music. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to work in various professional capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions
- presenting school programs, or state or community arts councils as artist-in-residence
- teaching in a private studio or community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/theory-and-composition-theory-bmus
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Engineering, Ira A. Fulton Schools of

Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)

Campus: Polytechnic

Program Description:
The BS program in aeronautical management technology with a concentration in air traffic management provides a technical foundation in the air traffic control procedures used by air traffic controllers in control towers and radar facilities.

Students gain a strong background in aircraft operations, management skills and business principles through coursework specific to air traffic control and aviation. As part of the degree program, students are required to take courses that will qualify them to earn their airline dispatcher certificate.

This is an intensive program of classroom study and laboratory practice using state-of-the-art air traffic control simulators to enhance and reinforce classroom study. Students receive training in the methodologies and technologies that are currently being developed for the next generation of air traffic control systems. Students develop the skills of analytical thinking, clear and concise communication, problem-solving and teamwork.

ASU is a partner in the FAA Air Traffic Collegiate Training Initiative and is accredited by the Aviation Accreditation Board International.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
To be considered for employment by the Federal Aviation Administration, graduates of the program need to be aware of minimum requirements for employment. Students should see https://www.faa.gov/jobs/career_fields/aviation_careers (https://www.faa.gov/jobs/career_fields/aviation_careers/) for more information. Graduates of the program are not guaranteed employment by the Federal Aviation Administration. Students who do not have U.S. citizenship may be admitted to the program but are not eligible for employment by the Federal Aviation Administration.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Federal Aviation Administration's 2020 Controller Workforce Plan projects that the agency plans to hire more than 8,500 new controllers by 2029 to keep pace with the expected attrition rate and traffic growth. The total number of planned hires for the period 2019 to 2029 is 9,596 new controllers. The increase in the volume of air traffic requires more controllers to handle the additional work. New computerized systems assist controllers by automatically making many of the routine decisions, allowing controllers to handle more traffic and thus increasing their productivity.

Despite the obvious demand for new controllers in the immediate future, competition to get into the FAA-approved training programs is expected to remain intense as there generally are many more applicants than there are openings. Graduates who have met all the FAA requirements are eligible for consideration for employment.

Professional Licensure:

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Aviation Programs
https://poly.engineering.asu.edu/aviation/
SUTON 240
polyadvising@asu.edu
480-727-1874

Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)

Campus: Polytechnic

Program Description:
The air transportation management concentration of the BS program in aeronautical management technology provides students with a strong foundation of aviation concepts, including airline administration, airport planning, aviation law, policy and human factors as well as technical knowledge focusing on power plants, structures and aerodynamics. Students progress into courses on the business and management and operational aspects of aviation such as airline administration and airport planning. All students finish the program by participating in an internship within industry and completion of a capstone project.

This program prepares students for leadership positions within airlines, airports, government, consulting and entrepreneurial enterprises.

The Aviation Accreditation Board International accredits this program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. Study abroad programs for air transportation management students in countries such as the United Kingdom, Germany and Australia offer a global perspective and knowledge to prepare students to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A degree in air transportation management prepares graduates for these careers:

- airline manager
- airline operations manager
- airport manager
- aviation consulting
- entrepreneurial ventures
- fixed based operations
- general aviation operations manager
- governmental positions with the Federal Aviation Administration, Department of Transportation and National Transportation Safety Board

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Aviation Programs
https://poly.engineering.asu.edu/aviation/air-transportation-management/
SUTON 240
polyadvising@asu.edu
480-727-1874

Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)

Campus: Polytechnic

Program Description:
Students in the professional flight concentration of the BS program in aeronautical management technology learn to fly in an academic environment that prepares graduates for careers as professional pilots.

Flight training is offered by an ASU-approved flight provider in late-model aircraft equipped with state-of-the-art avionics. Flight instruction takes place at the Phoenix-Mesa Gateway Airport, adjacent to the Polytechnic campus.

Students may take advantage of pathway agreements for guaranteed interviews with regional air carriers.

This program is for students who are seriously interested in becoming professional airline pilots. Graduates are prepared to assume responsibilities in a wide variety of technically related areas within professional aviation flight operations.

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional course-related fees apply; students should see the program website for more information.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
This major has additional admission requirements including Federal Aviation Administration requirements. Students are admitted to the preprofessional status and must complete additional requirements for admission to the professional program. Students should see https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process (https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process) for more information.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. Study abroad programs, offered around the globe, give insight toward the study of professional flight. Students can further their skills in communication and administration and gain commercial experience while in an international setting. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:

The professional flight concentration offers students private pilot, commercial pilot and flight instructor certificates as well as instrument pilot, instrument instructor and multiengine pilot ratings. With these flight qualifications and the technically based bachelor's degree, the graduate has a wide variety of career opportunities, including flight crew service on commercial and business aircraft as an airline or corporate pilot.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Aviation Programs
https://poly.engineering.asu.edu/aviation/professional-flight-bs/
SUTON 240
polyadvising@asu.edu
480-727-1874

Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)

Campus: Polytechnic

Program Description:
The unmanned aerial systems concentration of the BS program in aeronautical management technology prepares students for careers in the rapidly growing area of unmanned aerial systems, including operations, remote sensing, data collection and analysis.

The concentration incorporates all aviation management technology core courses and unmanned aerial systems concentration courses. This provides an overview of unmanned aerial systems operations followed by detailed knowledge of unmanned aerial systems-specific systems and technology (ground control stations; data links; flight planning and operations; search, detect and avoid technologies; and payloads) and unmanned aerial systems sensor operations. A critical aspect of this academic area of study is the data capture and transfer of the sensor information collected from the unmanned aerial vehicle.

This innovative concentration brings together the most up-to-date and relevant aspects facing multiple industries today by addressing flight system planning and operations and the employment of the systems in the congested National Airspace System.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)

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

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Use of unmanned aerial systems is happening all across the globe. Study abroad programs, offered by ASU in more than 65 countries, further global thinking for students in addition to increasing their communication and problem-solving skills to prepare them for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Students graduating from this program are ready to find various employment opportunities as unmanned aerial vehicle pilots and sensor operators in both the U.S. and worldwide. This concentration prepares students to operate small to mid-range platforms that are used by emergency responders, forestry, agriculture, energy and oil, and other similar industries. Entry-level pay is competitive for this highly specialized field.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Aviation Programs
https://poly.engineering.asu.edu/aviation/unmanned-aerial-systems-bs/
SUTON 240
polyadvising@asu.edu
480-727-1874

Aerospace Engineering (Aeronautics), BSE (ESAEROBSE)

Campus: Tempe

Program Description:
The aerospace engineering curriculum provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems. The aeronautics concentration under the BSE program in aerospace engineering emphasizes engineering and the design of aircraft, helicopters, missiles and other vehicles that fly through the atmosphere.

Topics in required courses cover aerodynamics, aerospace materials, aircraft structures, flight mechanics, propulsion, and stability and control. Required astronautics topics include altitude control and orbital mechanics.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Aerospace Engineering, MS
Mechanical Engineering, MS
Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and

- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the Engineering website at https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students. Study abroad programs offer global skills and knowledge to prepare students to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

Through volunteering, entrepreneurial endeavors, community service, employment, etc., graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within the organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

Graduates of the aerospace engineering program are expected to attain the following outcomes:
- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/aerospace-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Aerospace Engineering (Astronautics), BSE (ESAEASBSE)

Campus: Tempe

Program Description:
The BSE program in aerospace engineering provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems.

The astronautics curriculum covers:

- attitude determination and control
- elective topics in aeronautics
- gas dynamics
- orbital mechanics
- rocket propulsion
- space environment
- space structures
- telecommunications.

Students in the astronautics concentration culminate their major study with a capstone design project that incorporates the multiple disciplines involved in the creation of a space-going vehicle.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Aerospace Engineering, MS
Mechanical Engineering, MS
Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:

All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:
- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:
- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria
- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria
- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the Engineering website at https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

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Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in duration, from one week to one year), study abroad is possible for all ASU students. Study abroad programs offer global skills and knowledge to prepare students to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering

include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the aerospace engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within their organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

Graduates of the aerospace engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

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

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/aerospace-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)

Campus: Tempe

Program Description:
Emerging emphasis on autonomous aircraft technology and operations in both military and civilian sectors signals a new era within the aeronautical community focused on autonomous vehicles and systems. The BSE program in aerospace engineering with a concentration in autonomous vehicle systems provides graduates with knowledge and skills required for any career in aerospace engineering plus those specific to unmanned aerial vehicles and systems.

The curriculum is structured so students have general exposure to the engineering of autonomous aircraft plus track courses in one area important to this field. Available tracks are guidance, navigation and control, and communications.

All paths through this concentration satisfy accreditation criteria for aerospace engineering.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Aerospace Engineering, MS
Mechanical Engineering, MS
Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and

- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the Engineering website at https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students. Study abroad programs offer global skills and knowledge to prepare students to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with a degree in this concentration are prepared for a career in the aerospace industry, focusing on unmanned vehicles.

The aerospace engineering program has the following program educational objectives:

Through volunteering, entrepreneurial endeavors, community service, employment, etc., graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within the organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

Graduates of the aerospace engineering program are expected to attain the following outcomes:
- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

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

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/aerospace-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Applied Science (Aviation), BAS (TSAMTABAS)

Campus: Polytechnic

Program Description:
The concentration in aviation within the BAS in applied science is for students who have received training and education in some aspect of the air transportation industry, such as air transportation management, flight or aviation maintenance, as part of their associate degree. Students receive an orientation in management practices.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course with the MA general studies designation will satisfy the math requirement.
Program Math Intensity: Moderate

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available to freshmen.

Transfer Admission Requirements:
This BAS program in applied science allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their BAS upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the BAS degree. Students should work with their academic advisor to ensure their courses meet degree requirements.

Change of Major Requirements:
Students interested in changing to this Bachelor of Applied Science program must have completed a related Associate of Applied Science degree at a regionally accredited college.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. Study abroad programs, offered around the globe, give students insight toward the study of aviation. Students can further their skills in communication and administration and gain commercial experience while in an international setting. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for advanced positions in the aviation management field including:

- airline manager
- airline operations manager
- airport manager
- aviation consulting
- entrepreneurial ventures
- fixed based operations
- general aviation operations manager
- governmental positions with the Federal Aviation Administration, Department of Transportation and National Transportation Safety Board

Contact Information:
Engineering, Ira A. Fulton Schools of
Aviation Programs
https://poly.engineering.asu.edu/aviation/
SUTON 240
polyadvising@asu.edu
480-727-1874

Applied Science (Graphic Information Technology), BAS (TSGITBAS)

Campus: Polytechnic, Online

Program Description:
The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices.

The BAS program with a concentration in graphic information technology prepares students to become visual design technologists with skills in front-end web design and development, printing and digital publishing, commercial photography and video production, and motion graphics and visual effects. This is an intensive program of study emphasizing theory and hands-on laboratory practice.

The graphic information technology program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students should work with their academic advisor to ensure their courses will meet degree requirements.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N

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

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

Graphic Information Technology, MS
Technology (Graphic Information Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree in a similar field such as computer graphic design, digital arts, digital photography, eLearning design, game technology, graphic design, animation and Web publishing design, graphic design: visual communication, information technology; web and graphic design, media arts; desktop publishing, media art; web design, multimedia, multimedia and business technology, and video production technology.

Change of Major Requirements:
Students interested in changing to this Bachelor of Applied Science degree must have completed a related Associate of Applied Science degree at a regionally accredited university in a similar program, such as graphic design, animation, visual communication, web design and development, commercial photography and video.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-information-technology-bas/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
In study abroad programs in countries such as Australia, New Zealand and the Netherlands, students learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The graphic information technology program prepares graduates for technical and management positions in visual design in such diverse areas as:

- art direction
- commercial photography and video production
- front-end web design and development
- graphic design
- motion graphics, animation and game art
- premedia, digital printing and publishing
- production management
- quality assurance of graphic and visual design products
- technical and digital media production
- user experience design
- user interface design
- video editing
- visual design

Contact Information:
Engineering, Ira A. Fulton Schools of
Graphic Information Technology
https://poly.engineering.asu.edu/git/bas-in-graphic-information-technology/
SUTON 240
polyadvising@asu.edu
480-727-1874

Applied Science (Internet and Web Development), BAS (TSIWDBAS)

Campus: Polytechnic, Online

Program Description:
The BAS program with a concentration in internet and web development is an intensive program of study emphasizing hands-on laboratory practice. Students develop skills in front-end web design and development, including advanced web markup and scripting, user experience design, usability, multimedia design and emerging web technologies.

Students who have an applicable AAS from an accredited institution may transfer 60 credit hours toward a bachelor's degree at ASU, and students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward this program. Upon transfer to ASU in pursuit of this Bachelor of Applied Science, students may have more than 60 credit hours to complete. Students should work with their academic advisor to ensure their courses will meet degree requirements.

All courses for this program are available on campus and through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N

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

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

Graphic Information Technology, MS
Technology (Graphic Information Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree in web design, web development, media arts; digital animation, media arts; web design, web development, web design, and graphic design, animation and web publishing design.

Change of Major Requirements:
Students interested in changing to this Bachelor of Applied Science degree must have completed a related Associate of Applied Science degree at a regionally accredited university.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-internet-and-web-development/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for careers in front-end website design and development, usability and user experience design, user interface design and visual design.

Contact Information:
Engineering, Ira A. Fulton Schools of
Graphic Information Technology
https://poly.engineering.asu.edu/bas-internet-and-web-development/
SUTON 240
polyadvising@asu.edu
480-727-1874

Applied Science (Operations Management), BAS (TSIMCOBAS)

Campus: Polytechnic, Online

Program Description:
Graduates of the BAS program with a concentration in operations management are able to provide strategic focus to meet organizational objectives

by implementing best practices, managing people and creating value.

Students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a bachelor's degree at ASU, and students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward this program. Upon transfer to ASU in pursuit of this Bachelor of Applied Science, students may have more than 60 credit hours to complete. Students should work with their academic advisor to ensure their courses will meet degree requirements.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course with the MA general studies designation will satisfy the math requirement.
Program Math Intensity: General

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Change of Major Requirements:
Students interested in changing to this Bachelor of Applied Science degree must have completed a related Associate of Applied Science degree at a regionally accredited institution.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-operations-management-technology/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a 21st century career. Students earn ASU credit for completed

courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The bachelor's degree program in operations management technology prepares undergraduate students for supervisory and management functions in industry, manufacturing, public service and other service organizations.

Contact Information:
Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
https://poly.engineering.asu.edu/tem/
SUTON 240
polyadvising@asu.edu
480-727-1874

Biomedical Engineering, BSE (ESBMEBSE)

Campus: Tempe

ASU is not currently accepting applications for this program. Students are advised to apply directly to either the biological devices (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/ESBMEBDBSE/undergrad/false) or the biomedical devices (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/ESBMEMDBSE/undergrad/false) concentration.

Program Description:
The BSE program in biomedical engineering provides in-depth knowledge to translate an idea for a health solution into a viable prototype of a biomedical device.

With knowledge gained from courses that cover engineering, life sciences, and that tie the two together, graduates are able to apply their skills in an ethical and a sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission

requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards; specifics are listed on the following Engineering webpage: https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying biomedical engineering gain valuable hands-on experience when studying abroad, experience that enhances their resumes. With over 250 programs available in a variety of countries around the world, study abroad allows students to tailor their experience to their unique interests and skill sets. In a competitive field, they stand out with the heightened cultural competency and leadership and critical thinking skills they achieved from studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Biomedical engineers are primarily employed in:

- governmental regulatory agencies
- hospital and research facilities

- medical and educational institutions
- medical device, biotechnology and pharmaceutical industries

In industry, they may work in all aspects of product development including:

- business development
- manufacturing
- marketing
- quality
- regulatory
- research and design
- sales

Because of their background in both the engineering and medical fields, they often serve a coordinating or interfacing function and provide a key role for transdisciplinary teams. Government positions may involve evaluating new technologies, testing product quality and safety and setting standards.

In the hospital, biomedical engineers serving in a clinical engineering function may provide advice on the selection and use of medical equipment and supervise performance testing and maintenance. Biomedical engineers may also build customized devices for special health care, rehabilitation or research needs.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
https://sbhse.engineering.asu.edu/
ECG 334
sbhse.advising@asu.edu
480-965-3028

Biomedical Engineering (Biological Devices), BSE (ESBMEBDBSE)

Campus: Tempe

Program Description:
The BSE program in biomedical engineering with a concentration in biological devices provides in-depth knowledge of cell biology and helps students learn to apply that knowledge to solve engineering problems pertinent to medicine and other fields, including synthetic biology.

The biomedical industry has many branches that require depth of understanding of cell biology and its techniques, including immunohistochemical diagnostics, blood-contacting materials, controlled-release therapeutics and local delivery of therapeutics.

With courses that cover engineering, life sciences and that tie the two together, graduates are able to apply their skills in an ethical and a sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum GPA in ABOR competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Current ASU students should refer to the following Engineering website for the major change requirements for this program. https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements/)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/

(https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program are well qualified for entry-level positions, including quality assurance, regulatory affairs and project management. Graduates are also highly qualified to seek advanced degrees if they wish to pursue research and design positions.

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Biological & Health Systems Engineering
https://sbhse.engineering.asu.edu
ECG 334
sbhse.advising@asu.edu
480-965-3028

Biomedical Engineering (Biomedical Devices), BSE (ESBMEMDBSE)

Campus: Tempe

Program Description:
The BSE program in biomedical engineering with a concentration in biomedical devices provides in-depth knowledge to translate an idea for a health solution into a viable prototype of a biomedical device.

With knowledge gained from courses that cover engineering, life sciences, and that tie the two together, graduates are able to apply their skills in an ethical and a sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and

• no high school math or science competency deficiencies, and

• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum GPA in ABOR competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

• minimum transfer GPA of 3.00 for 24 or more transfer hours, and

• no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

• minimum transfer GPA of 2.75 for 24 or more transfer hours, and

• minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Current ASU students should refer to the following Engineering website for the major change requirements for this program. https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are well-qualified for entry level positions in the biomedical industry, including areas such as quality assurance, regulatory affairs and project management. Graduates also are highly qualified to seek advanced degrees if they wish to pursue research and design positions.

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Biological & Health Systems Engineering
https://sbhse.engineering.asu.edu/
ECG 334
sbhse.advising@asu.edu
480-965-3028

Chemical Engineering, BSE (ESCHEBSE)

Campus: Tempe

Program Description:
Chemical engineering deals with the application of chemistry, physics and mathematics to the process of converting raw materials or chemicals into more useful or valuable forms. Chemical engineering also involves the design of valuable new materials and chemical products. The modern

discipline of chemical engineering is intertwined with biology and biomedical engineering.

The BSE program offered in chemical engineering builds on a broad base of knowledge within the basic and mathematical sciences and engineering.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Chemical Engineering, MS
Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer credit hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and

minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (students should refer to the major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the Engineering website at https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
In study abroad programs in countries such as Australia, New Zealand and the Netherlands, students learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for excellent career opportunities. Chemical engineers are engaged in the development and production of a diverse range of products, including high-performance materials needed for aerospace, automotive, biomedical, electronic and environmental applications. They have traditionally played a key role in industries as varied as:

- artificial fibers
- biotechnology
- ceramics
- food
- glass
- petrochemicals
- petroleum
- plastics
- primary metals
- semiconductors
- specialty chemicals

There are also many newer fields with great demand for chemical engineering graduates, such as biomedical engineering, modern materials science (composites, superconductors) and the solution of environmental problems.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Chemical Engineering Program
https://semte.engineering.asu.edu/chemical-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Civil Engineering, BSE (ESCEEBSE)

Campus: Tempe

Program Description:
Civil engineering majors in the Ira A. Fulton Schools of Engineering have two choices within the accredited BSE program: civil engineering and civil engineering with the sustainable engineering concentration. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by ABET.*

Civil engineering involves the analysis, planning, design, construction, maintenance and application of sustainable practices in all areas of urban infrastructure for government, commerce, industry and the public domain. These include airports, bridges, canals, dams, factories, office towers, roadway systems, schools, tunnels and subway systems and water purification facilities.

Civil engineers are concerned with the impact their projects have on the public and the environment; they coordinate the needs of society with technical and economic feasibility.

The curriculum exposes students to the following areas of civil engineering, with a strong emphasis on sustainability:

- construction engineering
- environmental engineering
- geotechnical engineering
- hydrosystems engineering
- structures
- transportation

*Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Civil, Environmental and Sustainable Engineering, MSE
Civil, Environmental, and Sustainable Engineering, MS
Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum SAT score of 1210 for Evidence-based Reading and Writing and math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the following Engineering website for more information. https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
In study abroad programs in countries such as Australia, New Zealand and the Netherlands, students learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
ASU graduates with a bachelor's degree in civil engineering readily find employment. Civil engineers work in many different types of companies:

large corporations; small, private consulting firms; and governmental agencies. A civil engineering background is an excellent foundation for jobs in management and public service.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business.

The bachelor's degree program prepares graduates for the fundamentals of engineering examination, the professional engineering examination and for graduate degree programs.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
https://ssebe.engineering.asu.edu/undergraduate/civil/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil Engineering (Environmental Engineering), BSE (ESCEEEBSE)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
Civil engineering majors have three choices within the accredited BSE program:

- civil engineering
- civil engineering with environmental engineering concentration
- civil engineering with sustainable engineering concentration

The first choice allows students to choose among design and technical elective courses in their senior year. The other choices specify design and technical courses to students with minimal choices. Regardless of choice, the Bachelor of Science in engineering in civil engineering is accredited by ABET.*

Civil engineering with a concentration in environmental engineering is a transdisciplinary field based on traditional civil engineering principles and on chemistry, biology and geology. Environmental engineers are involved with:

- air pollution technology
- analysis of the fate and transport of pollutants
- application of sustainable practices in all areas of urban infrastructure
- construction of hazardous waste containment systems
- design and operation of water and wastewater treatment systems
- remediation of contaminated soils and waters
- surface water quality management
- water conservation and reuse

The curriculum also exposes students to other traditional civil engineering areas.

*Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Civil, Environmental and Sustainable Engineering, MSE
Civil, Environmental, and Sustainable Engineering, MS
Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
ASU graduates with a bachelor's degree in civil engineering with a concentration in environmental engineering find employment in:

- consulting firms
- industry
- municipalities
- regulatory agencies

The growth of environmental engineering positions has been balanced by the growing number of students entering the field, resulting in a stable job market.

A civil engineering background is an excellent foundation for jobs in management and public service. International opportunities are abundant and are likely to expand.

The bachelor's degree program in civil engineering prepares graduates for the fundamentals of engineering examination, the professional engineering examination and graduate degree programs.

Contact Information:
Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
https://ssebe.engineering.asu.edu/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)

Campus: Tempe

Program Description:
Civil engineering majors have two options within the accredited BSE program: civil engineering and civil engineering with sustainable engineering concentration. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by ABET.*

The bachelor's degree in civil engineering with a concentration in sustainable engineering incorporates systems modeling and life cycle approaches to assessing the resiliency and material selection across all areas of urban infrastructure or built environment currently addressed within the civil engineering degree. The program is designed to provide students with exposure to material from several disciplines that comply with the principles of economic, social and ecological sustainability and apply them to traditional civil engineering areas.

*Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Civil, Environmental and Sustainable Engineering, MSE
Civil, Environmental, and Sustainable Engineering, MS
Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should refer to the following Engineering website for more information: https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in sustainable engineering are able to gain hands-on experience in a variety of countries.

Graduates stand out in a competitive field when their resume is enhanced with the heightened cultural competency and leadership and critical thinking skills they acquired while studying abroad. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Civil engineers with knowledge of sustainable engineering may find employment in many different types of companies: large corporations; small, private consulting firms; and governmental agencies.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business.

Graduates of the program are prepared for the fundamentals of engineering examination, the principles and practice of engineering examination, and for graduate degree programs.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

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Computer Science, BS (ESCSEBS)

Campus: Tempe

Program Description:
The BS program in computer science focuses on the design of computers, computational processes for problem-solving and information transfer and transformation with an emphasis on improving software and system quality, security, performance and usability. The program supports the evolution of the computing and informatics disciplines: the integration of computer and information sciences with engineering, science and other disciplines.

Computer science professionals design, analyze and improve the quality of computer software and systems for a variety of applications, including:

- artificial intelligence
- computer vision
- cybersecurity
- graphics
- information management
- multimedia
- networking

Examples of projects a computer scientist might work on include:

- computer networking
- database and information systems
- distribution processing systems
- gaming systems
- next-generation computing systems
- search engines
- software engineering
- web services.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Computer Science (Art, Media and Engineering), MS
Computer Science (Big Data Systems), MCS
Computer Science (Big Data Systems), MS
Computer Science (Biomedical Informatics), MS
Computer Science (Cybersecurity), MCS
Computer Science (Cybersecurity), MS
Computer Science, MCS
Computer Science, MS
Robotics and Autonomous Systems (Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
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Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
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Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

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

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Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in computer science are able to gain hands-on experience in countries like Japan and Colombia.

Graduates who possess the heightened cultural competency, leadership and critical thinking skills they acquired when studying abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Computer science graduates secure employment in a variety of capacities, such as in computer and software design or development of information technologies. Their jobs are often distinguished by the high level of theoretical expertise applied to solving complex problems and to the creation and application of new computing technologies. Some computer science-related jobs may include:

- creating computer games and graphics systems
- designing artificial intelligence systems

• developing mobile computing applications
• developing network security applications
• discovering data management and mining solutions for large-scale data analytics
• inventing and implementing more efficient computing systems for managing data and information, including information retrieval and search on the Internet

With the theoretical foundation built into the program, computer science graduates can excel in system and software development as well as in designing effective computing solutions for emerging and challenging problems in modern society. Skills in system development and research can lead to entrepreneurial activity that produces innovative computing products and services.

Contact Information:
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Computer Science and Engineering Program
https://scai.engineering.asu.edu/computer-science-bs/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Science (Cybersecurity), BS (ESCSEIBS)

Campus: Tempe

Program Description:
The BS program in computer science with a concentration in cybersecurity provides students with the knowledge and skills needed to build dependable and secure information systems and networks and to ensure the integrity and quality of information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships, such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Computer Science (Art, Media and Engineering), MS
Computer Science (Big Data Systems), MCS
Computer Science (Big Data Systems), MS
Computer Science (Biomedical Informatics), MS
Computer Science (Cybersecurity), MCS
Computer Science (Cybersecurity), MS
Computer Science, MCS
Computer Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
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Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or minimum ABOR GPA of 3.00, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (students should see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the Engineering website at https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students gain valuable experience when studying abroad, experience that can enhance their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in computer science are able to gain hands-on experience in countries like Japan and Colombia. In a competitive field, they stand out with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with a degree in computer science with a cybersecurity concentration find employment in a variety of capacities including computer system and software development and research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and databases
- developing secure software
- information security consulting
- secure computer and network applications

Contact Information:
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https://scai.engineering.asu.edu/computer-science-bs/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Science (Software Engineering), BS (ESCSESBS)

Campus: Tempe

Program Description:
The software engineering concentration of the BS program in computer science is appropriate for computer science students seeking careers as software engineers. Students learn advanced processes, methodologies and tools for developing and testing large and small software applications in emerging areas such as:

- databases
- enterprise systems
- interoperable systems
- mobile computing
- service-orientated computing

They also learn cybersecurity concepts and techniques and principles of human-computer interaction and methods for developing these applications. The curriculum prepares students to assume leadership roles in software development organizations and to practice professional standards and emerging software technology to the software engineering life-cycle activities.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Computer Science (Art, Media and Engineering), MS
Computer Science (Big Data Systems), MCS
Computer Science (Big Data Systems), MS

Computer Science (Biomedical Informatics), MS
Computer Science (Cybersecurity), MCS
Computer Science (Cybersecurity), MS
Computer Science, MCS
Computer Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
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Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
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Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum ABOR GPA of 3.00 or class ranking in top 25 percent of high school class, and
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Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
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Primary Criteria

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- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should review the following Engineering website for more information: https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:

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Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in computer science are able to gain hands-on experience in programs like a summer in Colombia and a semester in Ireland. Students who study abroad acquire heightened cultural competency and leadership and critical thinking skills, enabling them to stand out in competitively in their chosen field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities are plentiful for software engineers.

Graduates of the software engineering concentration possess the knowledge and skills to work across the spectrum of software development process activities, including:

- architecture
- coding
- project management
- quality assurance
- requirements engineering
- testing

Careers include:

- software analyst
- software architect
- software engineer
- software task leader
- software tester

Graduates find employment in large and small organizations that develop, deploy and manage software systems. They work on all types of projects that include large, complex engineering systems, distributed banking, financial and government software and gaming.

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Computer Systems Engineering, BSE (ESCSEBSE)

Campus: Tempe

Program Description:
The BSE program in computer systems engineering focuses on the analysis, design, testing, integration and evaluation of hardware and software systems. The curriculum is grounded in many engineering disciplines, including the applications of science and technology to the design of:

- computer architecture
- cybersecurity
- digital circuits
- distributed and embedded systems
- networking
- operating systems

Students engage in the design of integrated hardware and software solutions for computing, communication and control applications. They practice many aspects of engineering activities, such as the development of:

- computer networks
- embedded and ubiquitous systems
- high-performance computer systems
- individual digital components

Students become skilled at interfacing different pieces of hardware and software components and integrating systems and products with new capabilities and improved quality and performance.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
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Accelerated Program Options:
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Computer Engineering (Computer Systems), MS
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Computer Science (Big Data Systems), MS
Computer Science (Biomedical Informatics), MS
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Computer Science, MCS
Computer Science, MS
Robotics and Autonomous Systems (Artificial Intelligence), MS

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Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in computer systems engineering are able to gain hands-on experience in programs like a summer in Colombia and a semester in Hong Kong. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Computer systems engineers are employed in industry, government, education and consulting firms where they engage in the design, development and operation of hardware and software systems of computer and networking equipment.

Computer systems engineers often find themselves focusing on engineering problems or challenges of emerging computer systems, including chips, device controllers, embedded systems and high-performance computing servers. Their jobs usually involve the research, design and development of computer hardware and software for practical applications. Their work can result in innovative, state-of-the-art products that integrate computing and communication capabilities, such as those in:

- avionics and space vehicles
- digital television and photography
- intelligent highways and control systems for vehicles
- mobile devices and smart applications
- new apparatuses for health care and for the sight-impaired or others with physical disabilities
- security and defense systems

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

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/computer-systems-engineering/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Systems Engineering (Cybersecurity), BSE (ESCSEIBSE)

Campus: Tempe

Program Description:
The BSE program in computer systems engineering with a concentration in cybersecurity provides students with the knowledge and skills needed to build dependable and secure information systems and networks and to ensure the integrity and quality of the information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:

All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (students should check https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should review the following Engineering website for more information: https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study

abroad allows students to tailor their experience to their unique interests and skill sets. Students in computer systems engineering are able to gain hands-on experience in programs ranging from a summer in Colombia to a semester in Hong Kong. In a competitive field, students stand out with the heightened cultural competency and the leadership and critical thinking skills they achieved when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with a degree in computer systems engineering with a concentration in cybersecurity find employment in a variety of capacities including computer systems and software development and research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and networks
- information security consulting
- information systems security engineering
- network security engineering

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/computer-systems-engineering/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Construction Engineering, BSE (ESCONBSE)

Campus: Tempe

Program Description:
The BSE program in construction engineering is designed for students who wish to gain a professional engineering license while working at the interface of design and construction, and it is attractive for students interested in a career that emphasizes the construction of infrastructure.

The degree program includes engineering design and construction management courses with a focus on sustainability and building information modeling topics. Construction management content includes construction methods, contract management, cost and schedule control, people management and project estimating.

The curriculum's design content includes structures, geotechnical engineering and transportation. Students are further prepared with the computer, management, technical and people skills they need to succeed.

This degree is the third in the southwestern U.S. and one of about 20 worldwide.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR secondary criteria, not both:

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should review the following Engineering website for more information. https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Students gain valuable experience through study abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in construction engineering are able to gain hands-on experience in a variety of countries. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired from studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The construction engineering graduate, with this strong background in design and management, is prepared to enter a career in the engineering and construction industry as a field engineer, project engineer or project designer working for:

- construction companies
- design firms
- facility owners
- material suppliers
- specialty subcontractors

Graduates have the unique skills needed to take on the role of integrator in the delivery of design-build projects or development activities. As the graduate's career progresses, they should be able to take on leadership roles in the delivery of sustainable facilities in the built environment and then progress through successively higher levels of management responsibility. The graduate should be particularly attuned to the design and construction of heavy civil and industrial facilities, meeting the infrastructure needs of society.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Construction Engineering
https://ssebe.engineering.asu.edu/undergraduate/construction-eng/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Construction Management and Technology, BS (ESCONMGTBS)

Campus: Tempe

Program Description:
The BS program in construction management and technology allows students to specialize in commercial, heavy, residential and specialty construction and facility management. Students learn to organize, lead and manage the building construction business processes related to real estate, facility and infrastructure projects.

Construction management is the most vital function on a job site. Construction managers represent the interests of the building owner or the contractor and interact with architects, engineers, subcontractors, vendors and suppliers to ensure the success of construction projects in the built environment.

This program focuses on the business of construction and technology, such as building information modeling.

Students learn the basics of design; the construction methods specific to each type of construction (heavy, residential, commercial, specialty); and the process of sustainable or green construction. They learn how to estimate, schedule and control the costs of a project and what it takes to manage the people involved and the various types of contracts. Graduates are prepared with the computer, management, technical and people skills they need to succeed.

This is one of two construction programs in the state of Arizona and one of approximately 80 accredited programs in the nation.

This program is accredited by the American Council for Construction Education: https://www.acce-hq.org/ (https://www.acce-hq.org/).

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org.

Additional Program Fee: Y

Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Construction Management and Technology, MS
Public Administration, MPA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24 or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria, not both:

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should review the following Engineering website for more information. https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements/)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students enhance their resumes with the valuable experience they gain through study abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in construction management and technology are able to gain hands-on experience, heightened cultural competency, and leadership and critical thinking skills from studying abroad. They earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The construction management and technology program provides a foundation for those who wish to pursue careers as project managers, project engineers, estimators or schedulers and eventually to become principals of firms engaged in the construction of industrial, commercial or residential projects.

Graduates of the heavy construction emphasis area are prepared for careers related to public works such as highways, airports, bridges, utility systems and water or waste treatment facilities.

Graduates of the commercial and residential emphasis areas are prepared for careers in real estate development, home production systems, commercial construction, health care and special industrial building projects. They are also prepared to enter the sustainable or green construction market.

Graduates of the specialty construction emphasis are prepared to organize, lead and manage the building process at the subcontractor level and for careers as contractors working with mechanical and electrical systems as well as for careers in management at specialty contracting firms, such as control systems, electrical distribution or heating, ventilation and air conditioning systems for large and complex facilities such as data centers, health care organizations and semiconductor manufacturing plants as well as commercial facilities.

Contact Information:
Engineering, Ira A. Fulton Schools of
Del E. Webb Construction
https://ssebe.engineering.asu.edu/undergraduate/construction-mgmt/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Electrical Engineering, BSE (ESEEEBSE)

Campus: Tempe, Online

Program Description:
The BSE program in electrical engineering prepares students for positions as electrical engineers.

Following initial coursework in mathematics and sciences, the foundation classes build a solid base of engineering knowledge. The electrical engineering curriculum includes a number of required upper-division electrical engineering and technical elective courses in such areas as circuits; communication, signal processing and control systems; computer engineering; electromagnetics; power; and solid-state devices.

Approved technical elective courses provide students with an opportunity either to broaden their background in electrical engineering or to study in greater depth the technical subjects in which they have special interest.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

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

Computer Engineering (Electrical Engineering), MS
Electrical Engineering, MS
Electrical Engineering, MSE
Robotics and Autonomous Systems (Electrical Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (MAT 265, MAT 266, PHY 121 and PHY 122)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the following Engineering website: https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-engineering-electrical-engineering/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
•Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
•Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
•Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts; ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in electrical engineering are able to gain hands-on experience in a variety of international locations. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with the bachelor's degree in electrical engineering find many exciting opportunities in industry. These include:

- communication equipment and network providers
- computer and peripheral device manufacturers and defense organizations
- consulting companies
- electric power utilities
- semiconductor chip designers and manufacturers

Graduates are also prepared for continued learning experiences, either in a formal graduate program or in continuing education applications.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ecee.engineering.asu.edu/
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)

Campus: Tempe, Online

Program Description:
The electric power and energy systems concentration in the BSE program in electrical engineering prepares students for positions after graduation in industries dealing with the generation, transmission and utilization of electric power. Generation includes conventional power generation (fossil fuel and nuclear) and alternative energy systems, including solar, wind and fuel cells.

Students in this program complete the foundation courses in math, science and engineering and then are required to take the pathway course in electric power and complete nine of the 15 technical elective credit hours with power classes. The senior design capstone project focuses on the area of electric power and energy systems.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Electrical Engineering, MS
Electrical Engineering, MSE
Robotics and Autonomous Systems (Electrical Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (MAT 265, MAT 266, PHY 121 and PHY 122)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the following Engineering website: https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/electrical-engineering-electric-power-and-energy-systems-bse/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

•Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
•Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
•Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
•Apply knowledge of mathematics, science, and engineering, with focus on electrical power systems.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in electrical engineering are able to gain hands-on experience in a variety of international locations. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities for graduates with a concentration in electric power and energy systems include:

- consulting engineering firms
- employment in utility companies
- entrepreneurial opportunities
- power equipment manufacturers
- research and design organizations
- state, federal and municipal agencies

This concentration also prepares students to pursue graduate degrees in the areas of:

- power generation
- power systems
- power transmission and distribution
- renewable and sustainable energy sources

The program also prepares graduates for continued learning experiences, either in a formal graduate program or in continuing education applications.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ecee.engineering.asu.edu/
GWC 209
askee@asu.edu
480-965-3424

Engineering, BSE (TSEGRBSE)

Campus: Polytechnic

Program Description:
The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the engineering program, students apply engineering fundamental knowledge and design thinking to real projects every semester.

In the Bachelor of Science in engineering program, students choose a disciplinary concentration to develop in-depth knowledge in a specific area and they choose a secondary focus area. This flexibility allows students to tailor their degree to achieve their individual career and life goals.

Students can choose from the following concentrations: automotive systems, electrical systems, mechanical engineering systems and robotics.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Students gain valuable experience when studying abroad, experience that enhances their resume. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in engineering are able to gain hands-on experience in a variety of countries around the world, such as Germany and Colombia. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, and the self-motivation and adaptability that many employers seek.

Graduates are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/engineering/bse-engineering/
SUTON 240
polyadvising@asu.edu
480-727-1874

Engineering (Automotive Systems), BSE (TSEGRASBSE)

Campus: Polytechnic

Program Description:
The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the automotive systems concentration of the Bachelor of Science in Engineering program first build a broad engineering foundation to which they add the skills and knowledge necessary for vehicle design and testing. The curriculum focuses on automotive engineering fundamentals, including powertrain engineering and chassis system design as well as hands-on projects that involve designing, analyzing and building actual automotive systems.

Graduates of this concentration are able to provide leadership in automotive engineering settings, especially in automotive testing and hybrid propulsion systems, which are intrinsically transdisciplinary in nature.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

in curriculum.

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

Engineering, MS
Global Management, MGM
Manufacturing Engineering, MS
Robotics and Autonomous Systems (Systems Engineering), MS
Secondary Education (Teacher Certification), MEd
Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in engineering are able to gain hands-on experience in a variety of countries around the world, such as Germany and Colombia. In a competitive field, students stand out with the heightened cultural competency and the leadership and critical thinking skills they achieved when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self-motivation and adaptability that many employers seek.

Graduates of the automotive concentration are prepared for employment in automotive-related companies, from large original equipment manufacturing companies and their testing grounds to smaller specialty or aftermarket companies. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Because of the transdisciplinary nature of the Bachelor of Science in Engineering, graduates also have opportunities to perform functions that traditionally have been done by mechanical, manufacturing, automation and development engineers.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information,

students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/engineering/bse-engineering
SUTON 240
polyadvising@asu.edu
480-727-1874

Engineering (Electrical Systems), BSE (TSEGRESBSE)

Campus: Polytechnic

Program Description:
The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the Bachelor of Science in engineering program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the electrical systems concentration of the Bachelor of Science in engineering program build a broad engineering foundation to which they add the skills and knowledge necessary to contribute electrical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and application of sensors, actuators, microcontrollers and microprocessors as well as the integration of these components into electrical and mechatronic systems. The electrical systems curriculum also provides significant hands-on experience designing and implementing electrical and mechatronic systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET; http://www.abet.org (http://www.abet.org).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Solar Energy Engineering and Commercialization, PSM
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.

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

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that can enhance their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in engineering are able to gain hands-on experience in a variety of countries around the world, such as Germany and Colombia. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services.

The electrical systems program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Engineers with electrical expertise are in high demand in many industry sectors, especially manufacturing, utilities, and communications and defense systems. Electrical systems also pervade the service sectors in areas such as health care, finance, education and entertainment. Graduates from this program have the broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams, well suited for employment across a broad spectrum of engineering endeavors.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/engineering/bse-engineering
SUTON 240
polyadvising@asu.edu
480-727-1874

Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)

Campus: Polytechnic

Program Description:
The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the mechanical engineering systems concentration of the Bachelor of Science in engineering build a broad engineering foundation to which they add the skills and knowledge necessary to contribute mechanical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and application of materials, machine design, thermal fluid systems, and energy and power from a systems perspective. The mechanical systems curriculum also provides significant hands-on experience designing and implementing mechanical systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET; http://www.abet.org (http://www.abet.org).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Engineering, MS
Global Management, MGM
Manufacturing Engineering, MS
Robotics and Autonomous Systems (Systems Engineering), MS
Secondary Education (Teacher Certification), MEd
Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in engineering are able to gain hands-on experience in a variety of countries around the world, such as Germany and Colombia. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The Bachelor of Science in engineering program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Engineers with mechanical expertise are in high demand in many different industry sectors, including transportation, agriculture, a wide variety of process industries, product development, manufacturing, and energy and defense systems. Mechanical engineers also work in close collaboration with other engineering disciplines in a wide variety of fields, including biomedical, building and construction, transportation and aerospace. Graduates from this program have a broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams, well-suited for employment across the whole spectrum of applications.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/engineering/bse-engineering
SUTON 240
polyadvising@asu.edu
480-727-1874

Engineering (Robotics), BSE (TSEGRRBSE)

Campus: Polytechnic

Program Description:
The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the robotics concentration of the Bachelor of Science in engineering program build a broad engineering foundation to which they add the skills and knowledge necessary to contribute robotics subject matter expertise in transdisciplinary engineering teams. This expertise includes electromechanical systems, sensor and actuator integration, embedded digital systems application, and design and analysis of dynamic systems. The robotics curriculum also provides significant hands-on experience designing and implementing robotics systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET; http://www.abet.org (http://www.abet.org).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Engineering, MS
Global Management, MGM
Manufacturing Engineering, MS
Robotics and Autonomous Systems (Systems Engineering), MS
Secondary Education (Teacher Certification), MEd
Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in engineering are able to gain hands-on experience in a variety of countries around the world, such as Germany and Colombia. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The Bachelor of Science in engineering program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Robotics plays an increasingly important role in many different industries, including manufacturing, automotive, defense systems, biomedical devices and aerospace. Graduates from this program have a broad base of technical knowledge in the design and implementation of robotic

electro-mechanical systems. In addition, they have the operational and communication skills that make them invaluable members of multidisciplinary engineering teams, well-suited for employment across the whole spectrum of applications.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/engineering/bse-engineering/
SUTON 240
polyadvising@asu.edu
480-727-1874

Engineering Management, BSE (ESEMGBSE)

Campus: Tempe, Online

Program Description:
The BSE program in engineering management is designed to provide students with skills required for effective management and leadership of engineering-driven enterprises.

The curriculum provides a breadth of engineering science and design with depth in one specific area suitable for practice. This knowledge is augmented with an understanding of business practices and organizational behavior and with the development of management skills, enabling the graduate to succeed in the management of a scientific or engineering enterprise. Topics covered include project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship and operations management, in addition to product design and process development.

Graduates have a deep understanding of at least one industry sector based upon the focus area courses.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

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

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

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

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission requirements for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission requirements. Students should select a second major choice when applying for admission to a degree program in the Ira A. Fulton Schools of Engineering.

International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- Admission may be granted with one deficiency in no more than two competency areas: https://admission.asu.edu/first-year/competency-requirements (https://admission.asu.edu/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- if Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas: https://admission.asu.edu/first-year/competency-requirements (https://admission.asu.edu/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find more information on the following Engineering website: https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/engineering-engineering-management-bse/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in engineering management are able to gain hands-on experience in various countries; most recent examples include Germany and Singapore.

Students acquire heightened cultural competency and leadership and critical thinking skills through study abroad, and this valuable experience on their resumes ensures they stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
An engineering management graduate is prepared to begin a career as a:

- production supervisor
- project management team member or lead
- supply logistics engineer
- system specification and customer relationship management specialist or a similar role

Graduates are ready to progress through successively higher levels of management responsibility.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
https://scai.engineering.asu.edu/engineering-management-bse/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Environmental Engineering, BSE (ESEVEBSE)

Campus: Tempe

Program Description:
The BSE program in environmental engineering educates students to become tomorrow's engineers who solve complex environmental problems and design systems at the human, urban and planetary scale.

Environmental engineers are actively involved with the following topics and activities: air quality monitoring and air pollution control technology; analysis of the fate and transport of pollutants; application of sustainable design principles; design and operation of water and wastewater treatment systems; design of hazardous waste containment systems; design of solid waste management systems; remediation of contaminated soil, sediment and water; and water quality, water conservation and water reuse.

In recognition of the interdisciplinary nature of environmental engineering challenges, the degree program incorporates courses from humanities, social sciences, natural sciences, mathematics, and engineering. Environmental engineering courses build on strong foundations in chemistry, microbiology, geology, physics and mathematics. Courses cover fundamental engineering concepts applied to environmental processes and environmental engineering design as well as applied learning experiences, including a required internship or research experience and a capstone design course.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

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

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

Civil, Environmental, and Sustainable Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman Admission:
- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:
- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or minimum ABOR GPA of 3.00, or class ranking in top 25% of high school class

Transfer students with more than 24 transferable college credit hours:
Primary
- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admissions Services requires submission of a high school transcript)

Secondary Criteria
- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students can find out more on the Engineering website: https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs in countries such as Japan, Sweden and Germany allow students to further their understanding of the impact the industrial world has on the environment. An open mind and international understanding of these concepts further students' studies and understanding of the various environmental conditions around the globe. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates from the environmental engineering program have career opportunities in both the private and public sectors.

The private sector consulting industry in environmental engineering is growing as greater environmental awareness and emerging novel pollutants require continual refinement of regulations and environmental system design standards. The private sector consulting industry in environmental engineering is growing as greater environmental awareness and emerging novel pollutants require continual refinement of regulations and environmental system design standards. The private sector manufacturing industry employs environmental engineers to aid in environmental compliance and eco-efficiency. In the public sector, municipalities and regulatory agencies require a knowledgeable workforce that understands how public policy can improve human health and ecosystem services through environmental engineering processes.

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

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Envirnmt
https://ssebe.engineering.asu.edu/undergraduate/environmental/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Environmental and Resource Management, BS (TSETMBS)

Campus: Polytechnic

Program Description:
The BS program in environmental and resource management provides critical scientific, engineering, regulatory and management skills for students who plan to pursue careers in industry, government or nongovernmental organizations, focusing on ensuring the health of engineered and natural ecosystems and mitigating the environmental impact of the industrial world.

The curriculum combines a strong foundation in chemistry, physics, biology and mathematics with a solid grounding in environmental law and policy, engineering and management principles. Students learn to apply environmental technologies to manage engineered environmental operations such as drinking water and wastewater treatment, management of hazardous and solid wastes, and the control of industrial and mobile sources of air pollution. They study OSHA, EPA and DOT regulations on health and safety, as well as strategies to protect workers in hazardous environments. International environmental issues and legal frameworks are included along with U.S. environmental laws.

An accelerated BS/MS degree option is available in which up to 12 credit hours of the bachelor's degree may be applied toward the 30 credit hours required for the master's degree in environmental and resource management. A special application is required for this option.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western

states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

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

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

Environmental and Resource Management (Water Management), MS
Environmental and Resource Management, MS
Technology (Environmental Technology Management), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs in countries such as Japan, Sweden and Germany allow students to further their understanding of the impact the industrial world has on the environment. An open mind and international understanding of these concepts further students' studies and understanding of the various environmental conditions around the globe. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with the skills gained in this program are in high demand and can find work in industry, governmental management and regulatory agencies or in policy-making organizations.

Graduates are firmly grounded in the scientific, technical, and legal problems facing environmental managers in today's business climate. They are prepared to be environmental, health and safety professionals in industrial settings such as manufacturing, mining, oil and gas or environmental engineering consulting firms. They also assure compliance with OSHA and EPA requirements in laboratories at pharmaceutical companies, water and wastewater treatment facilities or academic labs. On the regulatory side, graduates work for agencies such as the U.S. Environmental

Protection Agency or state and county departments of environmental quality.

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

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
https://poly.engineering.asu.edu/erm
SUTON 240
polyadvising@asu.edu
480-727-1874

Graphic Information Technology, BS (TSGITBS)

Campus: Polytechnic, Online

Program Description:
The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices.

The BS program in graphic information technology prepares students to become visual design technologists with skills in front-end web design and development, print and digital publishing, commercial photography and video production, and motion graphics and visual effects.

This is an intensive program of study emphasizing theory and hands-on laboratory practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

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

Graphic Information Technology, MS
Technology (Graphic Information Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)

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

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-graphic-information-technology-concentration/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year) study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graphic information technology prepares graduates for technical and management positions in visual design in such diverse areas as:

- art direction
- commercial photography and video production
- front-end web design and development
- graphic design
- motion graphics and visual effects
- premedia, digital printing and publishing
- production management
- quality assurance of graphic and visual design products
- technical and digital media production
- user experience design
- user interface design
- visual design

Contact Information:
Engineering, Ira A. Fulton Schools of
Graphic Information Technology
https://poly.engineering.asu.edu/git/bs-graphic-information-technology
SUTON 240
polyadvising@asu.edu
480-727-1874

Graphic Information Technology (Full-Stack Web Development), BS (ESGITFSWBS)

Campus: Polytechnic, Online

Program Description:
The BS program in graphic information technology with a concentration in full-stack web development focuses on both front-end and back-end

website and application development. This cross-disciplinary program has a foundation in user-centered design and client-side scripting (HTML, CSS, JS) and extends to server-side programming (PHP, Python, SQL, etc.).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

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

Graphic Information Technology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/web-development-degree/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The future is bright for those with full-stack developer skills. According to the LinkedIn 2020 Emerging Jobs Report, full-stack engineer is number

four of the top 15 emerging jobs in 2020:https://business.linkedin.com/content/dam/me/business/en-us/talent-solutions/emerging-jobs-report/Emerging_Jobs_Report_U.S._FINAL.pdf (https://business.linkedin.com/content/dam/me/business/en-us/talent-solutions/emerging-jobs-report/Emerging_Jobs_Report_U.S._FINAL.pdf).

Since 2015, hiring growth for the full-stack engineer profession has been 35% every year. Indeed ranked full-stack developer as the second best job for 2020, with the percentage of growth from 2018 to 2019 at more than 161%.https://www.indeed.com/lead/best-jobs-2020 (https://www.indeed.com/lead/best-jobs-2020)

Indeed also listed the top 10 skills for a full-stack developer, nine of which are taught within the full-stack web development concentration curriculum. The program goes beyond these as well, giving students opportunities to learn additional technologies, further preparing them for jobs upon graduation.

Top industries where graduates land include computer software, IT, financial services and higher education. Google, eBay, Verizon, IBM and Capital One are among the top companies hiring full-stack developers (according to Glassdoor.https://www.glassdoor.com/Explore/browse-companies.htm?overall_rating_low=3.5&page=1&isHiringSurge=0&occ=Full%20Stack%20Developer (https://www.glassdoor.com/Explore/browse-companies.htm?overall_rating_low=3.5&page=1&isHiringSurge=0&occ=Full%20Stack%20Developer))

Contact Information:
Engineering, Ira A. Fulton Schools of
Polytechnic School
https://poly.engineering.asu.edu/degrees/bachelors-degrees
WANER 101
polyadvising@asu.edu
480-727-1874

Graphic Information Technology (User Experience), BS (ESGITUEBS)

Campus: Polytechnic, Online

Program Description:
The BS program in graphic information technology with a concentration in user experience is designed to provide students with an interdisciplinary foundation in design, research and communication, to prepare them for the rapidly growing area of user experience.

The concentration provides students with a conceptual understanding of methods for gathering user information, applied skills in those methods, analyzing data, and communicating through visual design technologies.

Although its disciplinary home and primary focus is graphic information technology, the concentration includes courses from the fields of human systems engineering and technical communication in order to provide students with the multiple perspectives and complementary skills needed for user experience work.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

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

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

Graphic Information Technology, MS
Technology (Graphic Information Technology), MSTech
User Experience, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:

All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-information-technology-user-experience-bs/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graphic information technology graduates who have some expertise in user experience have numerous career opportunities in areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

Contact Information:
Engineering, Ira A. Fulton Schools of
Graphic Information Technology
https://poly.engineering.asu.edu/git/
SUTON 240
polyadvising@asu.edu
480-727-1874

Human Systems Engineering, BS (ESHSEBS)

Campus: Polytechnic, Online

Program Description:
The BS program in human systems engineering provides students with an understanding of the science of human performance and with experience using methods and tools to apply this understanding to design and problem-solving in a wide variety of domains, such as product usability, learning design, sports performance and workplace and hospital safety.

A large array of professions need experts in human factors to work on problems that involve an understanding of human performance. Interest areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

The program is offered by the Ira A. Fulton Schools of Engineering.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Human Systems Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/human-systems-engineering/)

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

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

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The human systems engineering program prepares students for industry and government careers in positions such as:

- game designer

- human factors engineer
- human systems integrator
- interface designer
- user experience designer
- usability engineer

Graduates may work as a member of a design team for a product or system.

Contact Information:
Engineering, Ira A. Fulton Schools of
Human Systems Engineering
https://poly.engineering.asu.edu/hse/
SUTON 240
polyadvising@asu.edu
480-727-1874

Human Systems Engineering (User Experience), BS (ESHSEUEBS)

Campus: Polytechnic, Online

Program Description:
The user experience skills increasingly valued by industry are not typically covered in traditional psychology or engineering programs. The BS degree program in human systems engineering with a concentration in user experience combines topics in psychology, the web, human factors, visual displays and technical communications to make products and services useful, usable and desirable.

User experience focuses on the design, development, and evaluation of products and services that are useful, usable and desirable. The user experience program addresses UX research, design, content development, communication, tone of voice and evaluation of all components and products with which end users interact.

Students learn how to research customer needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered methods.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

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

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

Human Systems Engineering, MS
User Experience, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/human-systems-ux-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESHSEUEBS~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Increasingly, companies are searching for professionals to help make products and services more usable and desirable. In recent years, CNN, U.S. News & World Report and other news organizations have rated user experience as one of the top emerging careers, with benefits that include high pay, opportunities to telecommute, low stress and high job growth.

Contact Information:
Engineering, Ira A. Fulton Schools of
Human Systems Engineering
https://poly.engineering.asu.edu/hse/
SUTON 240
polyadvising@asu.edu
480-727-1874

Industrial Engineering, BSE (ESIEEBSE)

Campus: Tempe

Program Description:
Industrial engineering pertains to the design, improvement, installation and operation of integrated systems of people, materials, information, equipment and energy with the purpose of determining efficient ways to make a product or provide a service. Industrial engineering draws upon specialized knowledge and skills in the mathematical, physical and social sciences and the principles and methods of engineering analysis and design.

The underlying concepts for the BSE program in industrial engineering include certain business principles but emphasize the use of mathematics and information technology to build models to describe, understand and optimize system performance. Depending on the subspecialties involved and the intended application, industrial engineering may also be known as operations management, management science, operations research, systems engineering or manufacturing engineering.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org/).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Data Science), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Industrial Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESIEEBSE~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates in industrial engineering are prepared to design and manage systems for a wide range of organizations. They find exciting career opportunities in all types of manufacturing and service industries, including:

- banking and finance
- defense and government
- health care
- hospitality, sports and entertainment
- management consulting
- manufacturing (e.g., aerospace, automotive, semiconductor)
- software industry
- telecommunication
- transportation and logistics

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm

https://scai.engineering.asu.edu/industrial-engineering-bse/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Informatics, BS (ESCPIBS)

Campus: Tempe

Program Description:
Informatics is about discovering, developing and understanding computer applications that improve people's lives. The BS program in informatics prepares students to become skilled professionals who take a transdisciplinary, user-oriented perspective toward information and computing systems, apply current informatics methods to address society's needs and contribute to the next generation of such systems.

The informatics bachelor's degree program provides an option for students interested in a flexible program in applied information and computing technologies. The program provides skills in design and implementation of computer systems while offering opportunities for building applications used by people in many fields. Students learn to develop software for devices of all sizes, from supercomputers to cell phones and even smaller. The challenges of informatics include designing, developing and applying tools that model, aid or automate activities within science, engineering, business, geography, education and entertainment.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 265 Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Robotics and Autonomous Systems (Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission requirements for a Bachelor of Science in informatics are higher than minimum university admission requirements. Students should select a second major choice when applying for admission to a degree program in the Ira A. Fulton Schools of Engineering.

International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (students should check https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), and admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum ABOR GPA of 3.00 or class ranking in top 25% of high school class, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed.

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- Minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or minimum ABOR GPA of 3.00, or class ranking in top 25% of high school class.

Transfer students with more than 24 transferable college credit hours:

Primary Criteria

- Minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed (if Admission Services requires submission of a high school transcript).

Secondary Criteria

- Minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- Minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should review the following Engineering website for more information: https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCPIBS~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Informatics careers center on solving problems through the design and creation of information systems, user interfaces, mobile technologies and social media.

Graduates have the ability to develop future information technology solutions that place a strong emphasis on user needs and provide the ability to adapt and change dynamically with society's needs. This makes the informatician a strong candidate for jobs in:

- data analytics
- management consulting firms
- technology research centers
- technology startups

Additionally, they are prepared for graduate programs that offer an emphasis in emerging technologies.

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/informatics/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Information Technology, BS (TSIFTBS)

Campus: Polytechnic, Online

Program Description:
Information technology is the business of the movement of data by retrieving, managing, securing and analyzing data sets. It is an embedded system used in everyday life that defines how humans interact on a daily basis. The field's fast pace of growth is a worldwide event, and it is in need of self-motivated, problem-solving individuals who are looking toward a career in the exciting world of information technology.

The BS program in information technology starts by introducing basic fundamentals that lay the foundation of the information technology coursework. These fundamentals build toward a focus area that allows students to hone their skill set, preparing them for employment in the fast-paced environment that is information technology. This program has been designed with key-driven threads to incorporate emerging technologies that are utilized in real-world business models.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-information-technology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIFTBS~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The exciting career path of an IT professional can place graduates in positions around the world, in any industry. Such industries include:

- biomedical
- construction
- defense
- educational
- entertainment
- geospatial
- informatics
- sports
- sustainable environments

Contact Information:
Engineering, Ira A. Fulton Schools of
Information Technology
https://poly.engineering.asu.edu/it/

SUTON 240
polyadvising@asu.edu
480-727-1874

Manufacturing Engineering, BS (TSMEGRBS)

Campus: Polytechnic

Program Description:
Successful manufacturing enterprises prosper in the global marketplace through a balance of design, sustainability, quality and production. Manufacturing engineering combines manufacturing processes (e.g., how materials are altered in either shape or properties) and the processes of manufacturing (e.g., design and management of manufacturing systems).

The BS program in manufacturing engineering prepares students to analyze, synthesize and control manufacturing operations using statistical methods; collaborate across disciplines to design and build solutions to real-world problems; design innovative products and the equipment, tooling and environments necessary for their manufacture; model, simulate and analyze manufacturing production processes for both small- and large-scale environments; and provide technological leadership.

The curriculum is project-based, hands-on, teamwork-oriented and delivered in outstanding fabrication facilities. Graduates of this program become key team members who create and implement processes for making such varied products as airplanes, surgical instruments, toys and foodstuffs.

Accredited by the Engineering Accreditation Commission of ABET; https://www.abet.org (https://www.abet.org).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Engineering, MS
Manufacturing Engineering, MS
Robotics and Autonomous Systems (Systems Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSMEGRBS~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available (programs vary in length, from one week to one year), study abroad allows students to tailor their experience to their unique interests and skill sets. Students in manufacturing engineering are able to gain hands-on experience in a variety of countries around the world including Japan and Germany.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive field. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services.

Graduates possess the technical skills in tandem with the professional skills of communication, teamwork and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies, and small businesses as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Graduates typically work as manufacturing engineers in a variety of companies, large and small. They are often members of design and development teams, cooperating with other people within and outside of their company. Career employment opportunities include direct manufacturing support, manufacturing management, and quality control and assurance. Due to a strong, broad and practical engineering skill set, graduates are highly valuable in small or new startup companies. Program graduates are well-placed and command top salaries.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Manufacturing Systems and Networks
https://poly.engineering.asu.edu/engineering/manufacturing-engineering/
SUTON 240
polyadvising@asu.edu
480-727-1874

Materials Science and Engineering, BSE (ESMSEBSE)

Campus: Tempe

Program Description:
Novel materials are tailored to meet the needs of targeted applications and become the foundation for all engineering disciplines. Such materials enable many new technologies and are commonly used in bioengineering and medicine, pharmaceuticals, electronics, optics, architecture and transportation, aviation and aerospace, energy conversion, environmental engineering, and numerous industrial systems.

Materials science and engineering is concerned with materials the discovery, synthesis, processing, manufacturing and characterization of substances within these general classes of materials: sustainable materials, polymers, metals, semiconductors, ceramics and composites. An understanding of the molecular structure and well-designed processing are the keys to engineering materials with outstanding properties for next-generation applications.

Courses in the undergraduate program in materials science and engineering prepare students to make an impact by discovering and designing new and better materials to improve people's lives and keep America on the cutting edge of technology.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Materials Science and Engineering, MS
Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMSEBSE~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable, resume-enhancing experience when studying abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in materials science and engineering are able to gain hands-on experience in countries like England and Columbia. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad. Students can learn more on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Since materials science and engineering has such wide-scale applications, graduates find jobs in virtually every field such as aerospace, defense, auto industry, telecommunications, microelectronics, computers, bioengineering, sports, renewable energy, academia and national research labs. They are among the highest paid scientists and engineers.

Program education objectives
The materials science and engineering program has the following educational objectives:

- Graduates can solve real-world materials engineering challenges within their organizations by applying the required technical knowledge, skills and critical thinking.
- Graduates will have made demonstrable progress toward a graduate degree or be considered for a technical promotion potentially within three to five years of graduation.
- Graduates can demonstrate professionalism, leadership, lifelong learning, professional development and ability to work in teams, and hold positions of increasing responsibility within their organizations.
- Graduates can demonstrate an ethical approach to their profession including consideration of economic, societal, cultural and environmental impact.

Student outcomes
Graduates of materials science and engineering program are expected to have attained the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

An additional outcome for ASU materials science and engineering graduates is to demonstrate integration of relationships of structure, properties, processing and performance related to material systems using experimental, computational and statistical methods.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
https://semte.engineering.asu.edu/materials-science-and-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Mechanical Engineering, BSE (ESMAEMBSE)

Campus: Tempe, Online

Program Description:
Mechanical engineering is a creative, diverse discipline. Mechanical engineers design, build and control the devices, machines, processes and systems that are the mainstay of modern industrialized society.

Students prepare for a career in mechanical engineering through a curriculum that includes the study of the principles governing energy transfer, mechanical design, sensors and control devices, and the application of these principles to the creative solution of practical modern problems.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Aerospace Engineering, MS
- Materials Science and Engineering, MS
- Mechanical Engineering, MS
- Modern Energy Production and Sustainable Use, MS
- Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS
- Solar Energy Engineering and Commercialization, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and

- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-mechanical-engineering/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEMBSE~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students gain valuable, resume-enhancing experience when studying abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in mechanical engineering are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; generating creative design and development; and the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates.

The BSE program in mechanical engineering has the following program educational objectives:

Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Graduates of the mechanical engineering program are expected to attain the following outcomes:
- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/mechanical-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)
Campus: Tempe

Program Description:
The concentration in computational mechanics under the BSE program in mechanical engineering teaches students the modern computational tools available for solving large-scale and complex technical problems. The curriculum focuses on high-performance computing and the accurate modeling of large and small scale systems.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aerospace Engineering, MS
Materials Science and Engineering, MS
Mechanical Engineering, MS
Solar Energy Engineering and Commercialization, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241.

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAECBSE~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable, resume-enhancing experience when studying abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students focusing on computational mechanics are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired through their study abroad opportunity. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
As mathematical and numerical modeling takes on a much larger role in product development, graduates who are highly skilled in computational and mathematical engineering will be in high demand.

Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; generating creative design and development; and the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates.

The mechanical engineering program has the following program educational objectives:

Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Graduates of the mechanical engineering program are expected to attain the following outcomes:
- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/mechanical-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)

Campus: Tempe

Program Description:
The concentration in energy and environment within the BSE program in mechanical engineering is designed to prepare students to analyze technical problems in:

- air pollution
- climate change
- energy efficiency
- environmental sustainability
- renewable energy
- timely issues facing the global community

Although the primary focus of this program is technical, the general education courses in the areas of the humanities and social and behavioral sciences introduce students to the global, political and societal issues relating to energy and the environment.

By focusing on issues such as air pollution, water scarcity and the lack of alternative transportation, this program is even more attractive for employers in the greater Phoenix area as well as nationwide.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aerospace Engineering, MS
Materials Science and Engineering, MS
Mechanical Engineering, MS
Modern Energy Production and Sustainable Use, MS
Solar Energy Engineering and Commercialization, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and

- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241.

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. https://engineering.asu.edu/admission-requirements (https://engineering.asu.edu/admission-requirements)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEEBSE~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students gain valuable experience when studying abroad, experience that can enhance their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students focusing on energy and the environment are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired through their study abroad opportunity. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Mechanical engineers are employed in virtually every kind of industry. They are involved in generating creative design and development; seeking new knowledge through research; and the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates. Students completing this concentration have opportunities as environmental consultants; heating, ventilation and air-conditioning engineers; and power plant designers.

The mechanical engineering program has the following program educational objectives:

Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Graduates of the mechanical engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/mechanical-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Software Engineering, BS (TSSERBS)

Campus: Polytechnic, Online

Program Description:

The BS program in software engineering blends engineering, computing, project leadership and software construction.

Students learn how to make creative software solutions to today's problems. Software systems are complex, often including millions of lines of code. Graduates of the bachelor's degree program in software engineering possess the knowledge and skills of a defined engineering approach to complex systems analysis, planning, design and construction.

The program has a unique, project-driven curriculum, establishing a new model for software engineering education. The program is built around the concepts of engaged learning, discovery-based education and learn-by-doing. Students learn by solving engaging projects, commonly as a member of a development team. Students complete projects in every semester of the program that provide emphasis in communication, teamwork, critical thinking and professionalism. Students have flexibility in designing their course of study; they select technical electives from a pool of courses in different software engineering application areas such as web and mobile applications, embedded systems and other interdisciplinary areas.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org/).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Robotics and Autonomous Systems (Artificial Intelligence), MS
Software Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (https://admission.asu.edu/international/undergrad-student (https://admission.asu.edu/international/undergrad-student)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- Admission may be granted with one deficiency in no more than two competency areas: https://admission.asu.edu/first-year/competency-requirements (https://admission.asu.edu/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Transfer Admission Requirements:
Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- If Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas: https://admission.asu.edu/first-year/competency-requirements (https://admission.asu.edu/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Change of Major Requirements:
Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should review the following Engineering website for more information: https://engineering.asu.edu/admission-requirements/ (https://engineering.asu.edu/admission-requirements/).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-software-engineering/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSSERBS~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students in software engineering gain valuable hands-on experience when studying abroad, experience which enhances their resumes. With over 250 programs available in a variety of countries around the world, study abroad allows students to tailor their experience to their unique interests and skill sets. In a competitive field, students stand out with the heightened cultural competency and the leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Software engineers solve a broad set of transdisciplinary problems and apply new technologies to improve the quality of life.

Graduates are prepared for advanced study in computing or an allied field or to enter the computing profession, most commonly as application software engineers. They design and engineer innovative systems that may include mechanical and electrical components that interact with software.

According to the Bureau of Labor Statistics, software engineers are highly paid, and there is significant growth in the number of employment opportunities. Some software engineering jobs may include:

- creating applications for mobile devices
- creating web applications
- designing, creating and validating software for avionics, robotics and similar systems fields

Contact Information:
Engineering, Ira A. Fulton Schools of
Software Engineering
https://scai.engineering.asu.edu/software-engineering-bs/
PICHO 245
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Technological Entrepreneurship and Management, BS (TSTEMBS)

Campus: Polytechnic, Online

Program Description:
The BS program in technological entrepreneurship and management brings a STEAM (science, technology, engineering, arts and mathematics) focus to coursework in order to prepare students to address social and corporate issues that can impact and change the world. Students learn to create, launch and improve technology-based products, services and ventures, and identify and solve open-ended problems using engineering and technological approaches.

After completing this program, students should be able to demonstrate the ability to identify, analyze and synthesize information to address and solve use-inspired, open-ended problems, assessing their impact on social, cultural and economic environments; formulate methodologies to advance the knowledge of entrepreneurship and innovation; launch technology-based products and services from idea generation through actualization; use quantitative and qualitative methods to demonstrate continuous improvement of products, services and processes; and utilize a systems approach for the effective design and improvement of entrepreneurial and innovation ventures.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Leadership and Management, MALM
Global Management, MGM
Global Technology and Development, MS
Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSTEMBS~null + &college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st-century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates of the technological entrepreneurship and management program possess a range of skills that are needed in order to develop and innovate products and services that meet corporate and social demands.

Graduates are prepared for a wide variety of career possibilities, including technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

Contact Information:
Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
https://poly.engineering.asu.edu/tem/bs-in-technological-entrepreneurship-and-management/
SUTON 240
polyadvising@asu.edu
480-727-1874

Global Futures, College of

Innovation in Society, BA (FIFISBA)

Campus: Tempe, Online

Program Description:
The BA program in innovation in society is designed to help students cultivate the critical thinking skills needed for developing creative strategies that steer innovations toward the needs and values of society.

Students are trained to synthesize research and theory from the social sciences, humanities, natural sciences and engineering so they can develop proposals for how to build better futures for people and communities around the globe.

No single discipline is able to solve the complex problems society faces today. Science and engineering can help us further values such as health, economic prosperity, security, justice, peace, sustainability, privacy and happiness. But innovations need to be developed and deployed carefully and with an understanding of a global context that includes corporations, governments, infrastructure and people.

Students in this major learn to consider the implications of technology before it is deployed and to understand the big picture so that they can bring together the pieces needed to form a successful strategy. Classes include extensive use of interactive activities and projects.

The program is specifically tailored for students who have a background or interest in the humanities and the artistic side of innovation who want to

play a pivotal role in bringing different disciplines together to solve the world's most difficult problems.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
or any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Technology and Development, MS
Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/innovation-in-society-bachelor-of-arts/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FIFISBA~null + &college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Analyze and deconstruct complex social, technological, legal, ethical and social justice issues using multiple strategies.
- •Apply foresight methods to assess emerging trends and plausible futures.
- •Design creative strategies to address current societal and technological challenges.

Global Opportunities:
Global Experience:
New innovations impact lives around the world. Students in the program can study these innovations alongside ASU faculty in places like Dubai, the Sea of Cortez, Puerto Rico, Morocco, and Antarctica. Studying abroad expands students' knowledge of different places, cultures and people, enhances research experience, and challenges students to persevere in unfamiliar circumstances. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The School for the Future of Innovation in Society recommends the following study abroad programs for students majoring in innovation in society: https://goglobal.asu.edu/students/major/innovation-society (https://goglobal.asu.edu/students/major/innovation-society).

Career Opportunities:
The rapid advances in science and technology are providing both opportunities and challenges for employers around the world. Corporations, government agencies and nonprofits all need people who are equipped to understand what those changes mean for the organization's goals and operations. There is a need for people who understand how innovation happens, have the analytical skills to deal with complex challenges, and can develop effective strategies and policies to guide change.

Graduates of this program have the skills that enable them to work collaboratively with experts from a variety of backgrounds in a variety of sectors to provide problem-solving, analysis, quality assurance, future planning, technology assessment, and communication and facilitation on issues related to innovation in science and technology.

Graduates are well prepared for careers in the tech sector, nonprofits, government and the arts. They are also prepared for advanced education (e.g., law, MBA, policy, social work, global development) and graduate research across a variety of disciplines.

From the School for the Future of Innovation in Society's 2021 alumni employment survey, 83% of undergraduate alumni that responded are either employed or pursuing continuing education. Of those respondents employed, 60% have jobs directly related to their degree.

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/degree-programs/undergrad/ba/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Innovation in Society, BS (FIFISBS)

Campus: Tempe, Online

Program Description:
The BS program in innovation in society is designed to help students cultivate the critical thinking skills needed for developing creative strategies that steer innovations toward the needs and values of society. Students are trained to synthesize research and theory from the social sciences, humanities, natural sciences and engineering so they can develop proposals for how to build better futures.

No single discipline is able to solve the complex problems society faces today. Science and engineering can help us further values such as health, economic prosperity, security, justice, peace, sustainability, privacy and happiness. But innovations need to be developed and deployed carefully and with an understanding of a global context that includes corporations, governments, infrastructure and people.

Students in this major learn to consider the implications of technology before it is deployed and understand the big picture so that they can bring together the pieces needed to form a successful strategy. Classes include extensive use of interactive activities and projects.

The program is specifically tailored for students who have a background or interest in the engineering, science and quantitative social science aspects of innovation who want to play a pivotal role in bringing different disciplines together to solve the world's most difficult problems.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Technology and Development, MS
Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/innovation-society-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FIFISBS~null + &college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Analyze and deconstruct complex social, technological, legal, ethical and social justice issues using multiple strategies.
- •Apply foresight methods to analyze emerging trends and plausible futures.
- •Design creative strategies to address current societal and technological challenges.

Global Opportunities:
Global Experience:
New innovations impact lives around the world. Students in the program can study these innovations alongside ASU faculty in places like Dubai, the Sea of Cortez, Puerto Rico, Morocco and Antarctica. Studying abroad expands students' knowledge of different places, cultures and people; enhances research experience; and challenges students to persevere in unfamiliar circumstances. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The School for the Future of Innovation in Society recommends the following study abroad programs for students majoring in innovation in society: https://goglobal.asu.edu/students/major/innovation-society (https://goglobal.asu.edu/students/major/innovation-society).

Career Opportunities:
The rapid advances in science and technology are providing both opportunities and challenges for employers around the world. Corporations, government agencies and nonprofits all need people who are equipped to understand what those changes mean for the organization's goals and

operations. They need people who can understand how innovation happens, have the analytical skills to deal with complex challenges, and can develop effective strategies and policies to guide change.

Graduates of this program have the skills to work collaboratively with experts from a variety of backgrounds in a variety of sectors providing problem-solving, analysis, quality assurance, future planning, technology assessment, and communication and facilitation on issues related to innovation in science and technology. Graduates are well prepared for careers in the tech sector, nonprofits and government.

Graduates are also prepared for advanced education (e.g., MBA, policy, social work, global development) and graduate research across a variety of disciplines. From the School for the Future of Innovation in Society's 2021 alumni employment survey, 83% of undergraduate alumni that responded are either employed or pursuing continuing education. Of those respondents employed, 60% have jobs directly related to their degree.

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/degree-programs/undergrad/bs/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Sustainability, BA (SUSUSTBA)

Campus: Polytechnic, Tempe, Online

Program Description:
Students in ASU's School of Sustainability are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad, research with faculty, community engagement and leadership development. The knowledge and solutions created today will shape the social and environmental quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world challenges and focus on developing practical solutions and interventions to some of the most pressing environmental, economic and social challenges of sustainability. Students learn to approach challenges with consideration of complex adaptive systems and resilience, interconnections and cascading effects across scales, management of trade-offs, ethics and values, stakeholder engagement, future visioning and scenario typologies for transitioning systems, and other cutting-edge frameworks.

The Bachelor of Arts is geared toward students interested in the social and human aspects of sustainability in global, regional, and local contexts such as international development and sustainability, policy and governance in sustainable systems, society and sustainability, and sustainable urban dynamics.

Students may find more information about opportunities within the School of Sustainability at these sites:

Study Abroad: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad)
Research: https://schoolofsustainability.asu.edu/student-life/student-sustainability-research/ (https://schoolofsustainability.asu.edu/student-life/student-sustainability-research/)
Student Clubs and Organizations: https://schoolofsustainability.asu.edu/student-life/student-clubs-and-organizations (https://schoolofsustainability.asu.edu/student-life/campus-experience/student-sustainability-clubs-organizations)
Internships:
https://schoolofsustainability.asu.edu/student-life/sustainability-internships-opportunities (https://schoolofsustainability.asu.edu/student-life/sustainability-internships-opportunities)
Mentorship: https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities (https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Global Management, MGM
Sustainability Solutions, MSUS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:
Transfer students, those with 12 or more transfer credit hours after high school graduation, are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

Change of Major Requirements:
ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 3.00, based on at least 12 credit hours of ASU coursework.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-sustainability/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSUSTBA~null + &college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The School of Sustainability recommends the study abroad programs on the following Global Education website for students majoring in sustainability: https://goglobal.asu.edu/students/major/sustainability (https://goglobal.asu.edu/students/major/sustainability).

Career Opportunities:
Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Of undergraduate alumni who have shared their experiences with the school, 92% are either employed in sectors such as those listed above or have gone on to a graduate program. Of those employed, 66% have jobs directly related to sustainability. Students can learn more about careers in sustainability and where undergraduate alumni are now employed by visiting the School of Sustainability careers site. https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/ (https://schoolofsustainability.asu.edu/careers/career-

advising/alumni-employment-data/)

Those with a Bachelor of Arts in sustainability offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- consultancy
- government
- intergovernmental organizations
- international development
- management
- municipalities
- nongovernmental organizations
- nonprofits
- policy-making enterprises
- regulatory agencies
- utilities

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/undergraduate-degrees/bachelor-of-arts-in-sustainability/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Sustainability, BS (SUSUSTBS)

Campus: Polytechnic, Tempe, Online

Program Description:
Students in ASU's School of Sustainability are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad, research with faculty, community engagement and leadership development. The knowledge and solutions that are created today will shape the social and environmental quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world challenges and focus on developing practical solutions and interventions to some of the most pressing environmental, economic and social challenges of sustainability. Students learn to approach challenges with consideration of complex adaptive systems and resilience, interconnections and cascading effects across scales, management of trade-offs, ethics and values, stakeholder engagement, future visioning and scenario typologies for transitioning systems, and other cutting-edge frameworks.

The Bachelor of Science is geared toward students interested in the more quantitative aspects of sustainability, such as those related to energy and materials, economics, and ecology and environmental science.

Students may find more information about opportunities within the School of Sustainability at these sites:

Study Abroad: https://schoolofsustainability.asu.edu/student-life/study-abroad/ (https://schoolofsustainability.asu.edu/student-life/study-abroad)
Research: https://schoolofsustainability.asu.edu/student-life/student-research/ (https://schoolofsustainability.asu.edu/student-life/student-research/)
Student Clubs and Organizations: https://schoolofsustainability.asu.edu/student-life/student-clubs-and-organizations/ (https://schoolofsustainability.asu.edu/student-life/student-clubs-and-organizations/)
Internships:
https://schoolofsustainability.asu.edu/student-life/internships/ (https://schoolofsustainability.asu.edu/student-life/internships/)
Mentorship: https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities/ (https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities/)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Sustainability Solutions, MSUS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:
Transfer students, those with 12 or more transfer credit hours after high school graduation, are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

Change of Major Requirements:
ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 3.00, based on at least 12 credit hours of ASU coursework.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sustainability/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSUSTBS~null + &college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The School of Sustainability recommends the following study abroad programs for students majoring in sustainability: https://goglobal.asu.edu/students/major/sustainability (https://goglobal.asu.edu/students/major/sustainability).

Career Opportunities:
Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Students can learn more about careers in sustainability and where undergraduate alumni are now employed, by visiting: https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/ (https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/). Of undergraduate alumni who have shared their experiences with the school, 92% are either employed in sectors such as those listed above or have gone on to a graduate program. Of those employed, 66% have jobs directly related to sustainability.

Those with a Bachelor of Science in sustainability offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- business
- consultancy
- government and intergovernmental organizations
- international development
- natural resource management (including land, energy, waste and water management)
- nongovernmental organizations and nonprofits
- policy-making enterprises
- regulatory agencies and utilities

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/undergraduate-degrees/bachelor-of-science-in-sustainability/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Sustainable Food Systems, BS (SUSFOSYSBS)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:
The BS program in sustainable food systems trains students to understand food-related challenges using a food systems lens which encompasses the many aspects of food and agriculture within an integrated social and environmental context. This lens empowers students to grapple with real-life complexities and become effective agents of change.

Coursework covers a wide range of topics, such as nutrition science, agricultural production, economics, and social justice. Students are encouraged to select electives that build upon core sustainable food systems coursework.

Students are engaged in an active community collectively working to achieve the 2030 United Nations Sustainable Development Goals. Beyond the core subject matter and skills courses, the degree requirements include an internship, a chosen focus area and a culminating project-based course, all of which provide students in-depth knowledge of a food-related subfield and ample preparation for exciting careers.

Additional Program Fee: Y
Second Language Requirement: Y
First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Sustainable Food Systems, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
Transfer students, those with 12 or more transfer credit hours after high school graduation, are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

Students with more than 45 transfer credit hours who are not admissible to the School of Sustainability or the second major choice will be contacted to select an appropriate major.

Change of Major Requirements:
ASU students who would like to change their major to sustainable food systems are required to have a minimum cumulative ASU GPA of 3.00, based on at least 12 credit hours of ASU coursework.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/sustainable-food-systems/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSFOSYSBS~null + &college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The School of Sustainability recommends the following study abroad programs for students majoring in sustainability: https://goglobal.asu.edu/students/major/sustainability (https://goglobal.asu.edu/students/major/sustainability).

Career Opportunities:
Graduates have a broad understanding of sustainable food systems and are prepared for pursuing career opportunities such as managing natural resources for food production; public policy, governance and grassroots organizing; food literacy; sustainable food procurement; agricultural development, poverty alleviation and emerging markets; improved public health through food; and food entrepreneurship and innovation, marketing and agribusiness.

From the School of Sustainability's 2021 alumni employment survey, 92% are either employed in sectors such as those listed above or pursuing continuing education. Of those employed, 66% have jobs directly related to sustainability. Because the sustainable food systems program just launched, in Fall 2019, the school currently does not have alumni employment data for this specific degree.

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/undergraduate-degrees/bachelor-of-science-in-sustainable-food-systems/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Global Management, Thunderbird School of

Global Management, BGM (TBTGMBGM)

Campus: West, Online

Program Description:
The BGM program prepares students to take on leadership roles in multinational corporations, government agencies or nongovernmental organizations. Thunderbird's elite faculty and strong relationships with global enterprises allow students to develop and hone the skills needed to thrive as leaders in today's globally interconnected economy. Students gain experience and develop skills that international companies, governments and nonprofit entities value highly in employees.

The program offers two tracks: the international business, language and culture track in which two years of foreign language is required; and the international business and culture track in which there is no foreign language requirement and more emphasis on management-related courses. Students who select the foreign language track may complete coursework in a variety of languages. The international business, language and culture track is offered to on-campus students only. Online students may pursue only the international business and culture track.

Everyone in the program has the opportunity to explore the politics, cultures and economics of different countries around the world while putting the skills they have learned into practice in real-world settings through a required international internship. Although students are strongly encouraged to pursue internships outside their home country, they may also satisfy this requirement by doing a local internship with an international component.

Students often choose to apply their electives toward a minor or certificate offered by another department. This allows the student to specialize in a second area of interest that complements their major. These could include areas such as communications, cyber security, data analytics, digital media, languages, nonprofit leadership, political science, psychology, public relations, risk management, sales and marketing, and sustainability. The minor and certificate search can be found here: https://catalog.asu.edu/minors (https://catalog.asu.edu/minors)

Bachelor of Global Management students also complete a senior capstone project that draws on the unique skills they have developed throughout the program. In the capstone project, students work together in consulting teams to provide recommendations for a global organization on a challenge it faces internationally. The internship and the capstone project allow students to demonstrate their skills and work experience for potential employers as part of their professional development plan.

This truly global program provides global career opportunities around the world, global courses taught by outstanding Thunderbird graduate school faculty, and preparation for graduates to thrive in today's complex and dynamic global job market. Thunderbird School of Global Management has produced unique leaders for 75 years, agents of change in every sector who are capable of tackling the world's greatest challenges. The network of alumni, known as T-birds, comprises 45,000 graduates and 170 chapters around the globe.

Thunderbird's Bachelor of Global Management is also offered in a flexible online format. Students should visit the ASU Online website for more information. https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/ (https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Leadership and Management, MALM
Communication Studies, MA
Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Current ASU students who would like to change their major to global management must have a minimum cumulative GPA of 2.00.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TBTGMBGM~null + &college=CTB) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business, especially global management. Through international study and internships, students gain skills employers value highly, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Completing their required Thunderbird internship abroad positions students to thrive in leadership roles globally upon graduation. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The global economy continues to face volatility and disruption as it expands, contracts and interconnects. Due in part to this, demand for specialists with a global mindset is rapidly increasing.

Graduates of the Bachelor of Global Management program can thrive in leadership roles in the following fields:

- consulting
- entrepreneurship
- foreign service
- global marketing
- human resources

Career opportunities include:

- chief sustainability officer
- compliance manager
- country manager
- foreign service officer
- general manager
- global entrepreneur
- international marketing manager
- international sales manager
- manager of a nonprofit organization
- regulatory affairs manager

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/
FAB N290
ugadvising@thunderbird.asu.edu
602-543-0029

International Trade, BS (TBINTRABS)

Campus: West, Online

Program Description:
Thunderbird's STEM-designated BS program in international trade provides rigorous training for a career in global commerce.*

The Bachelor of Science in international trade provides talented, driven students with the exposure to the global business environment that will distinguish them in the workforce. Students learn the functional disciplines of international business while gaining an in-depth understanding of the political, cultural and economic aspects of doing business on a global scale and in international markets in which government regulations vary widely from country to country.

Supported by Thunderbird's training that builds a global mindset, students gain tools for managing supply chains, systematically assessing risk, exporting and importing goods and services, and using economic agreements to develop effective strategies for conducting international trade.

The Thunderbird Difference
This program is unique in allowing students to learn new skills needed for a career in international trade through comprehensive, hands-on training and to apply these skills during a local, national or international internship. Along with real-world learning experiences that open up global career opportunities, students attend courses taught by outstanding Thunderbird graduate school faculty and enjoy unique opportunities to learn from fellow students from around the world.

Graduates of this program possess the intercultural skills and global mindset needed to do business or take on a leadership role in any part of the world. Employers hire Bachelor of Science in international trade graduates for their proven ability to develop effective strategies for international trade and exporting goods and services.

Thunderbird graduates join a renowned global network of Thunderbird alumni working in all parts of the world, in all industries and sectors. T-birds make a difference everywhere they go, and their careers can take them anywhere.

Thunderbird's Bachelor of Science in International Trade is also offered in a flexible online format. Students should see the ASU Online website for more information. https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/ (https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/)

*As a bonus for international students, this program meets special F-1 international student status requirements. This means that international students who graduate with the Bachelor of Science in international trade degree qualify for a 24-month extension to their Optional Practical Training in the United States beyond the 12 months already provided to international students in non-STEM degrees.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Leadership and Management, MALM
Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Current ASU students who would like to change their major to international trade must have a minimum cumulative GPA of 2.00.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TBINTRABS~null + &college=CTB) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business, especially international trade. Through international study and internships, students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on how international trade functions worldwide. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
In the increasingly globalized economy, the dramatic expansion of international trade has created tremendous opportunities for global business. Thunderbird's Bachelor of Science in international trade prepares students for a career in this growing field in which skilled managers are in demand all over the world. Trained negotiators with a strong grasp of economics and politics on an international level are more valuable than ever to employers operating across borders. Thunderbird's rigorous curriculum and renowned faculty prepare students for a leadership position in a wide range of career fields.

Students in this program master a repertoire of globally transferable skills that open doors to an abundance of opportunities such as:

- commodities broker
- compliance manager
- financial risk specialist
- import and export agent
- international business development manager
- international market analyst
- international product or brand manager
- regional manager

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/
FAB N290
UGAdvising@thunderbird.asu.edu
602-543-0029

Health Solutions, College of

Applied Science (Food and Nutrition Entrepreneurship), BAS (ECNTRBAS)

Campus: Downtown Phoenix, Online

Program Description:
The BAS degree program with a concentration in food and nutrition entrepreneurship is designed for students holding an AAS degree in culinary or hospitality science, diet technology or sustainable food systems.

The program complements and enhances the students¿ educational preparation. It encompasses important areas of knowledge and skills for future nutrition entrepreneurs and for those continuing in the food industry, whether they intend to innovate within an organization, launch a food- or nutrition-related business, develop new products, or continue into a management role. Key topics include how to develop an online presence supported by evidence-based principles through social media, blogging, podcasting and video; how to launch nutritionally sound startups and businesses for individual practice and consulting; and how to market and manage a business.

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree. This program is not available to freshmen.

Change of Major Requirements:
Only students who have completed an Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-science-nutrition/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRBAS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Food is at the center of culture. Studying abroad helps students gain a deeper understanding of how food and culture intertwine and how to communicate nutritional and sanitary standards to a diverse audience. Students enhance their resumes with the heightened communication, cultural competency and critical thinking skills they acquire through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in nutrition: https://goglobal.asu.edu/students/major/chs/nutrition (https://goglobal.asu.edu/students/major/chs/nutrition).

Career Opportunities:
This degree program prepares students for careers in food production, service, management and marketing. With additional education or professional training, students may also become credentialed as:

- certified dietary managers
- registered sanitarians
- school food service and nutrition specialists

Contact Information:
Health Solutions, College of
College of Health Solutions

https://chs.asu.edu/programs/applied-science-food-service-management
HLTHN 401AA
chs@asu.edu
602-496-3300

Applied Science (Health Sciences), BAS (NUHSCBAS)

Campus: Downtown Phoenix, Polytechnic, West, ASU@Yavapai, Online

Program Description:
The BAS degree program allows students who have an applicable AAS degree from an accredited institution to transfer 60 credit hours toward a bachelor's degree at ASU. The Bachelor of Applied Science program with a concentration in health sciences is for students entering the health and health care workforce at a variety of levels.

Students in the program learn about health care systems and how these systems are financed and structured. Leadership and professionalism are highlighted, along with the role of providers in delivering evidence-based care. Students develop ethical and effective communication skills, analyze today's challenges and develop innovative solutions that prepare them for careers in the health care workforce.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an AAS degree. This program is not available to freshmen.

Transfer Admission Requirements:
The BAS program is specifically for those who have earned an Associate of Applied Science degree from a regionally accredited institution. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. In completing the bachelor's degree program, students fulfill all ASU graduation requirements.

Change of Major Requirements:
Only students who have earned a Associate of Applied Science are eligible to change their majors to this degree program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-health-sciences/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCBAS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in health sciences are able to expand their knowledge of how health care impacts society in a variety of cultures and experience new and unique health environments across the globe. The valuable experience they acquire while studying abroad enhances students' resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates can return to their original area of expertise in allied health (i.e., radiology, nuclear imaging) and qualify for a managerial position, be an educator or instructor within their field of expertise, or qualify for a higher-grade position within their current place of employment.

Other career options include positions such as:

- elder services program coordinator
- health and patient educator
- health maintenance organization or insurance company client coach
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist
- Women, Infants, and Children (WIC) and community nutrition aide

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/applied-science-health-sciences
HLTHN 401AA
chs@asu.edu
602-496-3300

Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)

Campus: Downtown Phoenix

Program Description:
The BAS program in applied science with a concentration in medical laboratory sciences provides the academic knowledge and professional skills that enable students to advance their employment opportunities within the fields of medical technology, cytology, clinical laboratory science and related areas.

Medical laboratory scientists, also known as clinical laboratory scientists, are highly skilled professionals who perform analytical tests on blood, tissue and body fluids to provide laboratory information for the detection, diagnosis and treatment of human diseases. These professionals work independently using skills and knowledge that are greater in depth and breadth compared to those of medical laboratory technicians, who typically are graduates of a two-year or community college program. In addition, there is a growing trend for medical laboratory scientists to perform wellness laboratory testing aimed at preventing disease.

The program is accredited by the National Accrediting Agency for Clinical Laboratory Science, 5600 N. River Rd, Suite 720, Rosemont, IL 60018, https://www.naacls.org/ (https://www.naacls.org/).

Additional information including the program handbook and course guide can be found on the program website at https://chs.asu.edu/programs/applied-science-medical-laboratory-science (https://chs.asu.edu/programs/applied-science-medical-laboratory-science).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Only students who have been admitted through Phoenix College and who have completed the prerequisite coursework, verified by the program director or program advisor, are eligible to apply to this program. The following requirements are a part of the application process and are included in the separate program application, released to those who are considered eligible during a specified application cycle:
- Gain admission to Phoenix College.

Complete the program application, which should include:
- student information
- coursework
- immunizations
- proof of basic life support or CPR certification
- fingerprint clearance card
- health declaration
- experience in medical laboratory sciences
- employment observation verification
- references
- Review and sign the checklist.

Submit the materials to:

CHS Student Services
Mail Code 9020 ATTN: MDL Program
Arizona State University
500 N 3rd St
Phoenix AZ 85004
- Apply to Arizona State University.

Change of Major Requirements:
Only students who have completed an Associate of Applied Science degree are eligible to declare a Bachelor of Applied Science major at ASU.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUMLSBAS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students can find more information on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The Bureau of Labor Statistics reports that overall employment of medical laboratory scientists is projected to grow 11% between 2018 and 2028. This is much faster than the average for most occupations. As the overall population ages, there will be more demand for trained laboratory personnel to aid in the diagnosis of disease and to help manage medical conditions.

The majority of medical laboratory scientists and technologists work in hospital laboratories and major reference laboratories.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage. https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure)

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/applied-science-medical-laboratory-science
HLTHN 401AA
chs@asu.edu
602-496-3300

Biomedical Informatics, BS (ESBMIBS)

Campus: Downtown Phoenix

Program Description:
Biomedical informatics is a multidisciplinary field that involves the generation, acquisition, management and analysis of biomedical and health data and the translation of that data into information and knowledge that can be applied toward improving individual and population health.

The BS program in biomedical informatics curriculum includes biomedical informatics, computer science, biology, chemistry, mathematics and statistics. Students learn approaches to acquiring data, learn data management and knowledge representation, learn modeling and machine learning, and they learn to use these capabilities to address problems in the biomedical and health domains. Students have the opportunity to do research alongside faculty who are experts in bioinformatics, imaging informatics, clinical informatics and population health informatics.

Graduates of the program have a broad set of biomedical informatics knowledge and skills, enabling them to contribute to many areas of health and biomedicine in their future work.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biomedical Informatics, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMIBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- •Articulate informatics solutions to improve patient care.
- •Implement existing informatics solutions to improve patient care.
- •Analyze large data sets to improve decisions for patient care or population health.
- •Implement informatics solutions to represent and manage biomedical data

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in biomedical informatics are able to expand their knowledge of how health care systems impact society in a variety of cultures, and they experience new and unique information science and technology environments across the globe. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in biomedical informatics: https://goglobal.asu.edu/students/major/chs/biomedical-informatics (https://goglobal.asu.edu/students/major/chs/biomedical-informatics).

Career Opportunities:
Graduates with a degree in the rapidly expanding field of biomedical informatics are prepared for careers in a wide range of settings. They are employed in positions such as data science analysts, bioinformaticians, software engineers, and public health informatics scientists, among others. Those with interests in life sciences and technology may see this program as a unique way to combine the two. Others may find this degree the first step toward medical school or advanced medical research or to continued graduate-level study in biomedical informatics.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/biomedical-informatics
COOR 2nd floor
chs@asu.edu
480-965-2374

Clinical Exercise Science, BS (ECEXERBS)

Campus: Downtown Phoenix

Program Description:
In the BS in clinical exercise science degree program, students develop a deep understanding of how the human body responds to exercise, changes due to exercise and benefits from exercise. Hands-on laboratory courses with innovative exercise, metabolic and cardiopulmonary equipment provide students with the necessary skills and experience to be hired as exercise physiologists upon graduation.

Upper-division and special topics courses dive into the physiology and exercise prescription for those with chronic cardiovascular, metabolic or neuromuscular conditions, preparing students to prevent, treat or reverse many of these conditions.

Students gain the knowledge necessary for passing National Commission for Certifying Agencies accredited certifications for exercise physiology and for pursuing Level 2 Exercise Is Medicine credentialing by the American College of Sports Medicine.

Additional Program Fee: Y

Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Clinical Exercise Physiology, MS
Physical Activity and Health, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECEXERBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in clinical exercise science: https://goglobal.asu.edu/students/major/chs/exercise-wellness (https://goglobal.asu.edu/students/major/chs/exercise-wellness).

Career Opportunities:
This degree program prepares students to become exercise physiologists, an occupation with a faster than average growth rate according to the U.S. Bureau of Labor Statistics. Exercise physiologists promote, design and deliver evidence-based exercise programs to improve outcomes for clients with cardiovascular, pulmonary, metabolic or neuromuscular conditions and those with developmental or physical disabilities.

Graduates may work as exercise physiologists in cardiac rehab, clinical exercise specialists, exercise scientists, or weight management consultants; these are just a few options from among many career paths.

Graduates of this program may pursue employment in locations such as:

- cardiac rehabilitation facilities

- corporate wellness firms
- health care agencies and medical centers
- hospitals
- lifestyle and weight management consulting firms
- medical fitness centers
- nonprofit disease prevention agencies (e.g., American Heart Association)
- outpatient fitness centers
- university fitness and wellness centers

Specialty areas may include:

- bariatric weight loss (counseling and pre- or post-surgery fitness training)
- cancer patient exercise specialist
- cardiac rehabilitation
- corporate fitness and worksite wellness
- exercise and weight counseling and management

Possible careers titles may include the following:

- bariatric weight loss counselor
- cardiac rehabilitation specialist*
- exercise physiologist
- exercise scientist
- fitness center director or coordinator
- lifestyle and weight management consultant
- occupational therapist*
- personal trainer or group exercise specialist
- recreational therapist*
- worksite wellness coordinator or counselor

*Advanced degrees or certifications may be required for academic or clinical positions.

Students are well prepared for admission into graduate programs in clinical exercise physiology, obesity prevention and management, rehabilitative fields (e.g., physical therapy, occupational therapy) and medicine.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/clinical-exercise-science-bs
HLTHN 401AA
chs@asu.edu
602-496-3300

Dietetics, BS (NHDIETCSBS)

Campus: Downtown Phoenix

Program Description:
The BS program in dietetics is the required initial step in the education and training of the dietetics professional.

Coursework prepares students to apply for a dietetic internship, which is required in order to sit for the registration exam to become a registered dietitian. In addition to nutrition courses, students complete a broad range of science, management and communication classes.

Beginning Jan. 1, 2024, prior to sitting for the registration exam, students will be required to have a master's degree in addition to completing a dietetic internship. This is a change implemented by the credentialing body for registered dietitians, the Commission on Dietetic Registration, and will be a nationwide requirement. More information can be found on the Academy of Nutrition and Dietetics website at https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-careers (https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-

careers).

ASU's bachelor's degree program in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2190, Chicago IL 60606-6995; phone: 800-877-1600, ext. 5400.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Nutritional Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHDIETCSBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The nutrition and dietetics field provides employment opportunities in a variety of areas:

- client consultation, including for diabetes management or weight loss
- education
- food and nutrition industry
- food and nutrition marketing and sales
- nutrition and health promotion

- school food service

Graduates may find opportunities in environments such as hospitals and other health care facilities or public health agencies.

Most with this degree pursue further education and careers such as:

- dietetic technician, registered
- registered dietitian or nutritionist
- school nutrition specialist

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/dietetics-bs
HLTHN 4th floor
chs@asu.edu
602-496-3300

Exercise and Wellness (Fitness and Wellness Specialist), BS (ECEXWBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS program in clinical exercise science (https://degrees.apps.asu.edu/bachelors/major/ASU00/ECEXERBS/clinical-exercise-science).

Program Description:
The BS program in exercise and wellness provides students with the knowledge and practical skills necessary for assisting individuals in reaching optimal health.

Students are prepared to pursue nationally recognized and credentialed certifications provided by professional organizations in fields of study related to physical activity, strength and conditioning or exercise physiology. The exercise and wellness student is also well prepared, with the addition of the prerequisite courses, to continue into graduate schools required for careers in physical therapy, occupational therapy, athletic training or other medical fields.

The exercise and wellness program consists of a carefully designed curriculum emphasizing:

- competency in the instruction of basic and advanced techniques related to flexibility, resistance training and cardiovascular exercise
- competencies required to attain advanced level certifications from professional associations in the field
- foundational knowledge of exercise physiology and applied kinesiology
- methods to understand and help improve individuals with regard to their health behavior choices
- skills in assessing and interviewing clients in preparation for fitness and wellness programming
- skills in designing and manipulating program variables to work with apparently healthy or symptomatic individuals

Students in the exercise and wellness degree program also have the ability to enroll in courses that will enhance their abilities to work with high performance athletes, obese individuals or those at risk for suffering from other hypokinetic diseases.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECEXWBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Employment of fitness and wellness professionals is expected to grow by up to 39% from 2020 to 2030, much faster than other occupations, driven by efforts to reduce health care costs by teaching people about healthy behaviors. The need for exercise and wellness programming and facilities increases the need for workers in these areas.

Students who complete the exercise and wellness degree have enhanced opportunities in fitness and wellness employment settings because clients and employers prefer to work with people who are more highly prepared and qualified.

Undergraduates in this concentration often pursue careers in such fields as:

- clinical exercise
- corporate fitness
- fitness management
- personal training
- sports performance
- wellness center management

Students may also pursue further graduate study in such fields as:

- athletic training*
- cardiac rehabilitation*
- occupational therapy*
- physical therapy*
- physician assistant*

*Advanced degrees or certifications may be required for academic or clinical positions.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of

College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
chs@asu.edu
602-496-3300

Exercise and Wellness (Strength and Conditioning Specialist), BS (NHEXWSCBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in clinical exercise science (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/ECEXERBS/undergrad/false).

Program Description:
The strength and conditioning specialist concentration is designed for students who want to work with active or athletic populations, including sport and tactical occupations. These students may work with high school, college or professional sports organizations in scholastic or private sports performance training facilities, with tactical sports performance clients (e.g., military, police, firefighters, EMT) in municipal or government-run facilities or with individual clients participating in more active, higher intensity-based fitness programs.

Students in this concentration are exposed to applied assessment labs and practical fieldwork to gain the knowledge they will need to be competent coaches in this field.

Graduates are prepared to sit for the Certified Strength and Conditioning Specialist or the Tactical Strength and Conditioning-Facilitator examinations offered by the National Strength and Conditioning Association (https://www.nsca.com (https://www.nsca.com)) at the completion of their coursework. Students interested in careers in the field of sports medicine (athletic trainers, sports physical therapists, orthopedic surgeons, etc.) may also benefit from the coursework to provide an understanding of the training programs that accompany sports participation.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHEXWSCBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Many graduates of this program go onto careers which include:

- athletic trainer*
- fitness center director
- group exercise specialist
- personal trainer
- physical therapist*
- physical therapy technician
- sports performance coach
- sports performance director
- sports scout
- tactical performance coach

*Additional prerequisites and post-graduate degrees are required.

Contact Information:
Health Solutions, College of
INACTIVE School of Nutrition and Health Promotion
https://chs.asu.edu/programs/clinical-exercise-science-bs
HLTHN 401AA
chs@asu.edu
602-496-2644

Food and Nutrition Entrepreneurship, BS (NHFNUENBS)

Campus: Downtown Phoenix, Online

Program Description:
The BS in food and nutrition entrepreneurship addresses significant and ongoing changes in the food industry by preparing students with the sound nutrition principles and business acumen that will enable them to competitively participate in a growing field.

The program encompasses important areas of knowledge and skills for future nutrition entrepreneurs, whether they intend to innovate within an organization or launch a food or nutrition-related business. Key topics include how to develop an online presence, supported by evidence-based principles, thorough social media, blogging, podcasting and video; how to launch nutritionally sound startups and businesses for individual practice and consulting; and how to market and manage a business.

Experiential learning is integrated into the curriculum; students have opportunities to work with specialists in food and nutrition entrepreneurship in order to gain practical experience, build professional relationships and establish a foundation and direction for their careers after graduation.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/food-and-nutrition-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHFNUENBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for careers in the delivery of products and services, research and development, management of food service and sustainable food systems, and in nutrition and health communication and promotion. They also have capabilities to launch startups and businesses focused on individual practice, consulting and new product and service development.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/food-and-nutrition-entrepreneurship-bs
HLTHN 401AA
CHS@ASU.EDU
602-496-3300

Health Care Administration and Policy, BS (NHHCDBS)

Campus: Downtown Phoenix, Online

This program's name has changed effective Fall 2022. The previous name was Science of Health Care Delivery.

Program Description:
The BS in health care administration and policy provides undergraduate students foundational knowledge of systems, processes and management in health care, grounded in concepts of leadership, social determinants of health, informatics, systems engineering and economics. Faculty are multidisciplinary tenure-track and clinically trained professionals who work together to create, teach and share knowledge.

Graduates of this program are academically prepared, well-rounded and adept in skills necessary for a number of exciting careers in health care.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-admin-policy/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHCDBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying health care administration and policy abroad provides students the opportunity to develop valuable skill sets that can give them an advantage in their professional career. Exposure to unique health environments, learning culturally specific health approaches, and improving intercultural communication skills help prepare students to lead in a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in health care administration and policy: https://goglobal.asu.edu/students/major/chs/science-health-care-delivery (https://goglobal.asu.edu/students/major/chs/science-health-care-delivery).

Career Opportunities:
Job areas may include entry-level positions in health care administration, hospital administration, program management, policy, advocacy, system design, quality improvement and health services research. Opportunities may include positions in hospital systems, physician practices and clinics, patient navigation, the pharmaceutical industry, insurance companies, government and regulatory agencies, and health research organizations.

Graduates may pursue further education through graduate programs in areas such as health care delivery, administration and management.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/about/academic-program-areas/health-care-delivery
HLTHN 401AA
CHS@asu.edu

602-496-3300

Health Education and Health Promotion, BS (NHHEHPBS)

Campus: Downtown Phoenix, Online

Program Description:
In the BS program in health education and health promotion, students learn how to help communities advocate for healthier environments as well as how to teach individuals how to get and stay healthy. Students learn to plan, implement, manage and evaluate health promotion programs.

With a variety of course options, students can specialize their knowledge in areas like diabetes prevention, sexual health, climate and health, HIV and substance abuse prevention, emergency preparedness, social media and health, body image and wellness, school health, and violence prevention.

Graduates become catalysts for improving community and individual well-being through health education and promotion.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-education-and-health-promotion/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHEHPBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students in this major will satisfy some major requirements by participating in study abroad learning. More information on available programs can be found on the Global Education

website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Health education and health promotion professionals fill a critical role as they teach individuals how to stay well by living healthy lifestyles, and they help mobilize communities to create healthy environments through policy, advocacy and environmental change. Employment of health educators is expected to grow much faster than the average for all professions, with the U.S. Department of Labor predicting a 17% increase in the field between 2020 and 2030.

This degree enables students to sit for the certified health education specialist exam through the National Commission for Health Education Credentialing (https://www.nchec.org/ (https://www.nchec.org/)). The certified health education specialist is a globally recognized credential for health professionals that provides a competitive edge in the job market, qualifying students for positions in health care and insurance organizations. Graduates had a 100% pass rate on the CHES exam in 2020, compared with a 70% pass rate nationally. After five years of practice, those with the CHES credential are eligible to become master certified health education specialists, who are then eligible to become certified diabetes educators, expanding the field of practice and career opportunities.

Graduates of this degree program can also pursue further graduate study in such fields as:

- community health
- public health
- health education and promotion
- health psychology
- medicine and dentistry (with additional elective sciences)
- occupational therapy
- physical therapy
- physician assistant
- social work

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/health-education-and-health-promotion
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences, BS (NHHSCBS)

Campus: Downtown Phoenix, Polytechnic, West, Online

Program Description:
The BS program in health sciences provides students with the academic knowledge and skills that allow them to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

Students in the health sciences program learn about health care systems and how these systems are financed and structured. Leadership and professionalism are highlighted as is the role of providers in delivering evidence-based care. Students develop the ethical and effective communication skills they will need for careers in the health care workforce. Today's challenges are analyzed, leading them to develop innovative solutions.

Students choose focus area courses in community-based health outcomes; health legislation and regulation; integrated care; or language, speech and communication.

A limited number of students each year may apply to pursue the echocardiography certificate through Mayo Clinic after taking specified prerequisite courses. Once the certificate is successfully completed, students may transfer the credits to Arizona State University and those credits may be applied toward completion of the Bachelor of Science in health sciences. Students interested in this option should seek advising before starting the prerequisite coursework.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-sciences-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHSCBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying health sciences abroad provides students the opportunity to develop valuable skill sets that can give them an advantage in their professional career, such as flexibility and communication skills. Personal enrichment can be gained through exposure to unique health environments, learning culturally specific health approaches and much more. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in health sciences: https://goglobal.asu.edu/students/major/chs/health-sciences (https://goglobal.asu.edu/students/major/chs/health-sciences).

Career Opportunities:
Graduates are prepared to enter the health field or health care workforce, in any of a variety of capacities including indirect and direct patient and community care roles.

Career options include positions such as:

- elder services program coordinator
- health and patient educator
- health maintenance organization or insurance company client coach
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist
- Women, Infants, and Children (WIC) and community nutrition aide

Graduates also may choose to pursue advanced degree programs in various discipline-specific medical fields.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/health-sciences
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences (Health Policy), BS (NUHSCHPBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in health sciences or the BS in the science of health care delivery.

Program Description:
The BS program in health sciences is designed to provide the academic knowledge and skills that allow students to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

Students complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness.

The health policy program is designed for students interested in the community policy aspects of disease prevention and health promotion. The continuum of health care now spans a diverse array of health providers ranging from private practitioner offices and outpatient care centers to residential care facilities and acute care hospitals. Key to the enhancement of health care within the U.S. is the development and implementation of innovative, cost-effective and universally accessible programs.

Students in this concentration are required to complete a supervised practicum, providing hands-on experience within their field of interest. Students may also wish to consider using their electives to complete a minor in nonprofit administration, which requires 15 credit hours.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The Downtown campus is available to all students who meet university admission standards.

The West campus is only available to students who will be first-time freshmen, defined as those who have earned 12 college credit hours or fewer at the time of admission.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCHPBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities are available in city, county and state departments of health, with additional employment opportunities in the health insurance industry, nonprofit sector and within various corporate entities providing health care.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/home
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences (Healthy Lifestyles and Fitness Science), BS (NUHSCHLCBS)

Campus: Downtown Phoenix, Polytechnic, West, Online

Program Description:
The BS in health sciences with a concentration in healthy lifestyles and fitness science provides students the skills necessary for employment in health, wellness and fitness fields or for continuing their education in graduate and professional school.

Students study disciplines such as nutrition, fitness, stress management, substance abuse, behavior change and coaching psychology and train for work in preventive health care. They learn how to use lifestyle coaching, physical activity and health care education to improve community health and how to address the challenges reflected by socio-economic determinants of health.

This program supports successful completion for nationally accredited certification in health and fitness, such as American College of Sports Medicine's certification for personal trainers: http:/www.acsm.org (http://www.acsm.org/). Students who complete this degree and one additional course are eligible for national certification for health and wellness coaches offered by National Board for Health and Wellness Coaches. http://www.nbhwc.org (http://www.nbhwc.org/)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-sciences-healthy-lifestyles-coaching/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCHLCBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying health sciences abroad provides students the opportunity to develop valuable skill sets that can give them an advantage in their professional career, like flexibility and communication skills. Personal enrichment can be gained through exposure to unique health environments, learning culturally specific healthy lifestyle approaches and much more. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
According to the U.S. Bureau of Labor Statistics, employment for health coaches and health educators is projected to grow 17% between 2020 and 2030, faster than the average for all occupations. Growth is driven by efforts to improve health outcomes and reduce health care costs by teaching people about healthy habits and behaviors and utilization of available health care services.

Health, wellness and fitness coaches work in hospitals and health care facilities, schools, public health departments, nonprofit organizations, prevention agencies (e.g., American Heart Association), lifestyle and weight management consulting firms, outpatient fitness centers, university fitness and wellness centers, and private businesses.

Specialty areas may include:

- bariatric weight loss clinic counseling and management
- corporate fitness and worksite wellness

Career options include positions such as:

- corporate wellness coordinator
- fitness center director
- group exercise specialist
- health and patient educator
- personal trainer

- school health and nutrition program specialist
- Women, Infants, and Children (WIC) and community nutrition aide
- worksite wellness coach or coordinator

Graduates are also well prepared for admission into graduate programs in health promotion, population health, lifestyle management, integrative health, health administration, psychology and medicine.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/health-sciences-healthy-lifestyles-coaching
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences (Pre-professional), BS (NUHSCPREBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in medical studies or the BS in nutrition with a concentration in human nutrition.

Program Description:
The BS program in health sciences is designed to provide students the academic knowledge and skills they need to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

The preprofessional program is designed for students planning to enter medical, dental, osteopathic, physical therapy, veterinary, pharmacy and similar professional schools. In addition to a comprehensive core of basic science courses, the concentration is unique in that it provides a solid base in ethics; communication; the evaluation of research (the cornerstone of evidence-based practice); and healthy lifestyles (the foundation of health promotion and chronic disease risk reduction avenues of health care), including the role of complementary and alternative care within the U.S. health care system. Students have the ability to incorporate electives that contribute to their knowledge of and sensitivity to the needs of populations impacted by health disparities.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCPREBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for entrance into an advanced degree program in the medical field. Their immediate employment opportunities include:

- clinical research coordinator
- health officer
- sales and marketing representative (pharmaceutical or medical device companies)

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
chs@asu.edu
602-496-3300

International Public Health, BIPH (NHIPHBIPH)

Campus: Online

Program Description:
The BIPH builds and strengthens the international public health workforce using coursework from two leading universities: ASU and the University of New South Wales in Sydney, Australia.

Aligned with U.S. accreditation standards in public health, the Bachelor of International Public Health program teaches new approaches to public health issues, including health promotion, communicable disease prevention, environmental health, public health surveillance and global health management. Students develop a holistic, equitable, ethical and sustainable approach to public health practice, collaborating with diverse stakeholders to develop and implement strategies to ensure health for all.

In their final year, students complete a capstone experience in their area of interest, which prepares them for their career of choice. Students use this opportunity to develop and implement public health research and interventions with community-based organizations throughout the world.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-international-public-health/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHIPHBIPH~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
PLuS Alliance:
The PLuS Alliance partnership combines the strengths of three leading research universities from three continents to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to engage with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaborative degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/ (http://www.plusalliance.org/)

Global Experience:
International public health students have the opportunity to gain exposure to culturally specific health approaches and community-based opportunities through study abroad. With options in Europe, Oceania, South America and many places in between, students can grow their resumes while expanding their cultural awareness, adaptability and leadership competency. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in International Public Health: https://chs.asu.edu/students/study-abroad (https://chs.asu.edu/students/study-abroad).

Career Opportunities:
The most recent report of the United Nations High-Level Commission on Health Employment and Economic Growth described the importance of a global workforce that will support the creation of 40 million new jobs by 2030, particularly in low- and middle-income countries. Critical needs include global health policy, data and informatics, quality and process improvement, ethics, economics and community-based care.

Specific career titles include:

- education coordinator
- health coach
- program coordinator
- program manager
- program officer
- project analyst
- research associate

Commonly cited hiring organizations include the Peace Corps, the United States Agency for International Development, the Centers for Disease Control and Prevention, the United Nations Children's Fund, other nongovernmental organizations, and state and federal agencies.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/international-public-health

HLTHN 401AA
chs@asu.edu
602-496-3300

Kinesiology, BS (NUKINBS)

Campus: Downtown Phoenix, ASU@Lake Havasu

Program Description:
A BS in kinesiology provides students with a deep understanding of how the human body works. The program prepares students for graduate study in physical or occupational therapy, physician assistant programs, medicine and other health-related professional programs.

In kinesiology, all aspects of human function are studied from the perspective of human movement. The rigorous curriculum provides a scientifically inclusive approach to human movement; students study mechanical, anatomical, neural, developmental, physiological and psychological mechanisms. This gives students a well-rounded understanding of all aspects of human function as it pertains to movement and exercise.

Students have opportunities to work one-on-one with faculty.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Clinical Exercise Physiology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUKINBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Kinesiology students gain cultural competency, language skills and vital leadership experience while studying abroad. Programs in Spain, Australia, Greece and a variety of other countries provide the chance to experience unique health environments, practice alternative approaches to health

care and witness the human condition in a global context. Opportunities also exist for hands-on research and community-based service, which can prepare students to lead in a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in kinesiology: https://goglobal.asu.edu/students/major/chs/kinesiology (https://goglobal.asu.edu/students/major/chs/kinesiology).

Career Opportunities:
An undergraduate degree in kinesiology prepares students for graduate study that can lead to a variety of clinical and research occupations including:

- allopathic, osteopathic or naturopathic physician
- athletic trainer
- biomechanist
- chiropractor
- clinical exercise physiologist
- occupational therapist
- orthopedic surgeon
- physical therapist
- physician assistant
- prosthetist or orthotist

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/kinesiology
HLTHN 401AA
CHS@asu.edu
602-496-3300

Medical Studies, BS (NHMEDBS)

Campus: Downtown Phoenix, Polytechnic, West

Program Description:
The BS program in medical studies provides students with the opportunity to meet the prerequisites for medical and professional school, including medicine (MD, DO and naturopathic), dentistry, physician assistant programs, pharmacy, occupational therapy, optometry and others, and prepares the student for required postgraduate entrance exams, including the revised MCAT.

Students can customize the medical studies degree to meet the prerequisites of the health professions programs for which they intend to apply. Students have the opportunity to learn directly from health care providers who are currently practicing in the field, and they can select clinically related internships or electives during their junior year.

This degree program integrates communication, ethics, critical thinking, teamwork and leadership, all of which are essential competencies for members of today's health care teams.

Due to the high volume of overlap in curriculum, students enrolled in this degree are not permitted to declare a concurrent degree combination with the BS in biological sciences, including the following concentrations: biomedical sciences; genetics, cell and developmental biology; and neurobiology, physiology and behavior. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.

Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHMEDBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students pursuing medical studies who study abroad can advance their cultural awareness, medical experience and global health understanding. Programs in places like the United Kingdom, Costa Rica and Peru expand a student's knowledge of culturally specific health approaches while helping them develop strategies to adapt to unique social circumstances. Study abroad is a chance to fine-tune communication, critical thinking and leadership capabilities while taking advantage of opportunities for research, internships and service. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in medical studies: https://goglobal.asu.edu/students/major/chs/medical-studies (https://goglobal.asu.edu/students/major/chs/medical-studies).

Career Opportunities:
Graduates are academically prepared, well-rounded and adept in skills for a number of exciting careers in the allied health fields, dentistry or medicine, education, government, health care industries or nonprofit organizations.

Positions could include:

- community health worker
- project coordinator
- research assistant
- sales or marketing representative (e.g., medical device or pharmaceutical industry)

They also are well prepared to pursue postgraduate health degrees, resulting in a career as a:

- chiropractor
- dentist
- naturopathic physician
- optometrist
- pharmacist
- physician
- physician assistant
- podiatrist
- public health professional

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/medical-studies
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutrition, BS (NHNTRBS)

Campus: Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in nutrition should apply to the Food and Nutrition Entrepreneurship BS (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHFNUENBS/undergrad/false) program.

Program Description:
The BS in nutrition program includes exploration of important emerging topics, including developing an evidence-based online presence through social media, blogging and podcasting; creating stand-alone businesses in nutrition, such as individual practices and consulting programs; and entrepreneurship in the food industry through development of new products and services.

Experiential learning is integrated into the program's curriculum; students have opportunities to work with external stakeholders and community partners specializing in food and nutrition entrepreneurship to gain real-world experience, develop professional relationships and establish a foundation and direction for their future careers.

This program prepares students to work in the expanding field of food and nutrition related entrepreneurial ventures and program initiatives. Graduates are poised to meet within food and nutrition industries the demand for the application of valid nutritional concepts.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nutrition/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHNTRBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
In the field of nutrition, studying abroad can expose students to unique health environments and expand students' knowledge of culturally specific health approaches. Students gain a deeper understanding of how food and culture intertwine and how to communicate nutritional and sanitary standards to a diverse audience. Students enhance their resumes with the heightened communication, cultural competency and critical thinking skills they acquire through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in nutrition: https://goglobal.asu.edu/students/major/chs/nutrition (https://goglobal.asu.edu/students/major/chs/nutrition).

Career Opportunities:
Nutrition graduates are prepared for careers within companies looking to innovate in the delivery of products and services, research and development, management of food service and sustainable food systems, and nutrition and health communication and promotion, as well as have capabilities to launch startups and businesses focused on individual practice, consulting, and new product and service development.

There are a wide array of career opportunities available for graduates of this program. Advanced degrees or certifications may be required for some positions.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutrition (Dietetics), BS (ECNTRDBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BS in nutrition with a concentration in dietetics prepares students with the required coursework and skills they need in order to apply for a dietetic internship, which is required before they can sit for the registration exam to become a registered dietitian, which is a food and nutrition expert. In addition to a core of professional nutrition courses, students complete a broad range of science, management and communication classes. The program emphasizes the application of nutrition within clinical, community, food production and wellness areas.

More information about this credential and the requirements for this credential can be found at https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-careers (https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-careers).

ASU's bachelor's degree program in nutrition with a concentration in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2190, Chicago IL 60606-6995, phone: 800-877-1600, ext. 5400.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRDBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad can expose students in the field of nutrition to unique health environments and expand their knowledge of culturally specific health approaches. Students gain a deeper understanding of how food and culture intertwine, and they learn how to communicate nutritional and sanitary standards to a diverse audience. Students enhance their resumes with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in nutrition with a concentration in dietetics: https://goglobal.asu.edu/students/major/chs/nutrition-dietetics (https://goglobal.asu.edu/students/major/chs/nutrition-dietetics).

Career Opportunities:
The nutrition and dietetics field provides employment opportunities in fields such as:

- consulting
- education
- food and nutrition marketing and sales
- nutrition and health promotion
- school food service

Graduates may find opportunities in environments such as:

- hospitals and other health care facilities
- public health agencies

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutrition (Food and Nutrition Management), BS (ECNTRMBS)

Campus: Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in food and nutrition entrepreneurship (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHFNUENBS/undergrad/false).

Program Description:
The BS program in nutrition with a concentration in food and nutrition management provides students with the ability to apply nutrition principles to food production. This concentration is designed to provide students with an understanding of the food industry and teach them how to manage and market food and develop a food or menu that meets a specific nutritional guideline.

Coursework focuses on a strong foundation in food purchasing, production and planning. Additional coursework in management, marketing and nutrition prepares students for a variety of food service positions. Graduates can also pursue the credentials of certified dietary manager, school nutrition specialist or registered sanitarian.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.

Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRMBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in nutrition: https://goglobal.asu.edu/students/major/chs/nutrition (https://goglobal.asu.edu/students/major/chs/nutrition).

Career Opportunities:
According to the Bureau of Labor Statistics, the number of food service managers is projected to increase by 15% between 2020 and 2030, faster than the average for all occupations. This degree prepares students to become food service directors at schools, health care facilities and corporate food service operations. Graduates of the program aspire to own restaurants or nutrition-related businesses, work in supplement or pharmaceutical sales, or work in food marketing and distribution.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutrition (Human Nutrition), BS (ECNTRHBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BS program in nutrition with a concentration in human nutrition provides students with a strong foundation in nutrition and science that prepares them for careers in public or community health programs and clinical or graduate research programs.

In addition to providing a strong foundation in medical nutrition therapy, the coursework includes anatomy, physiology, chemistry and microbiology. Students gain knowledge of nutritional concepts that health care professionals sometimes lack.

Students from this program have gone on to study:

- dentistry

- medicine
- naturopathic medicine
- optometry and podiatry
- osteopathic medicine
- pharmacy

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRHBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
In the field of nutrition, studying abroad can expose students to unique health environments and expand students' knowledge of culturally specific health approaches. Students gain a deeper understanding of how food and culture intertwine and how to communicate nutritional and sanitary standards to a diverse audience.

Students enhance their resumes with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in nutrition: https://goglobal.asu.edu/students/major/chs/nutrition (https://goglobal.asu.edu/students/major/chs/nutrition).

Career Opportunities:
The nutrition field provides employment opportunities in:

- education
- food and nutrition marketing and sales
- food service
- health care
- nutrition and health promotion and consulting
- public health

Graduates of the human nutrition program often go on to apply to medical school or another health profession. The area of nutrition research is also a good fit for human nutrition majors.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutrition (Nutrition Communication), BS (ECNTRCBS)

Campus: Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in food and nutrition entrepreneurship (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHFNUENBS/undergrad/false).

Program Description:
The BS in nutrition with a concentration in nutrition communication is designed to help students become experts in communicating health and nutrition content. This concentration was originally developed in collaboration with the Walter Cronkite School of Journalism and Mass Communication.

Nutrition courses provide the content for articles students write in their communication-related classes. This degree program provides students with a strong understanding of the scientific method, statistics, nutrition, health care and wellness that many traditional journalists lack. Faculty members teach students how to avoid sensationalism and how to avoid sacrificing reality to get a better story.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRCBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses,

while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in nutrition: https://goglobal.asu.edu/students/major/chs/nutrition (https://goglobal.asu.edu/students/major/chs/nutrition).

Career Opportunities:
The nutrition communication field offers employment opportunities with:

- community and health care agencies
- magazines
- newspapers
- private corporations (public relations firms)
- web-based companies

With this degree, graduates can pursue careers as:

- authors
- consultants in program or product development
- freelance writers for newspapers and magazines
- public relations representatives for food and beverage companies

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutritional Science, BS (NHNUSCIBS)

Campus: Downtown Phoenix

Program Description:
The BS program in nutritional science provides students with a strong foundation in nutrition, biological sciences, research methods, and prevention and treatment of health issues. The program has two different tracks, nutrition research or integrative nutrition.

The integrative nutrition track establishes a strong basis in evidence-based nutrition practices, nutritional interventions across the human lifespan, and both individualized and community approaches to improving human health. The track prepares students for careers in a variety of health care settings, including naturopathic medicine.

With the nutrition research track, students can expect to engage in coursework that integrates evidence-based nutrition with anatomy, physiology, chemistry and microbiology, to prepare for clinical or graduate research programs and careers in research. This track allows students to work alongside faculty while gaining hands-on experience in nutrition research.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College AlgebraMAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)

Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHNUSCIBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Students from this program can find job opportunities in clinical and life sciences research, allopathic, osteopathic and naturopathic medicine, molecular and cellular biology, industry research and development, dentistry and pharmacy.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/nutritional-science-bs
HLTHN 401AA
chs@asu.edu
602-496-3300

Population Health, BS (NHPOPHLBS)

Campus: Downtown Phoenix, West

Program Description:
In the BS in population health program, students learn how social determinants of health, access to care, and infrastructure influence the health of defined groups. They also gain understanding of how community and professional stakeholders work across systems to improve health.

The multidisciplinary program features many modes of learning to enable and empower students. One is experiential learning, including student engagement as citizen scientists, to better understand population health. The program provides training in biomedical informatics, economics, social determinants of health, program and community assessment, program planning and health care delivery. This education leaves graduates well equipped to enter a growing field.

In the program, students can choose a track tailored to their professional interests. This allows them to customize their learning by focusing on health care compliance, health education, environmental systems, health systems design and improvement, or health informatics.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPOPHLBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Multiple career opportunities exist for students majoring in population health, depending on the areas of expertise that students develop via core training in population health and the track that the student pursues. Students who pursue the biomedical information track, for example, will be most qualified for positions that require working with a variety of datasets, while students who choose the health education specialist track will be trained to work at the interface of health care and public health.

Specific job titles that currently exist for those trained in population health include:

- health care data analyst
- population health analyst
- population health community health worker
- population health coordinator
- population health practice liaison for population outreach
- population health specialist
- program coordinator
- population health research assistant

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/population-health-bs
HLTHN 4th floor
chs@asu.edu
602-496-3300

Public Health, BS (NHPBHBS)

Campus: Downtown Phoenix

Program Description:
Public health is the practice of preventing disease and promoting good health within groups of people in communities or countries. The BS program in public health educates students through courses that focus on the five pillars of the field: epidemiology, environmental health, health administration, biostatistics, and health promotion and education.

The program provides students with the knowledge and skills that allow them to move into a range of entry-level employment opportunities within public health departments, agencies and organizations or to continue their education in graduate programs in public health or community health. While in the program, students undertake an internship that gives them practical experience in the public health workforce.

The BS in public health pairs well with the health education specialist certificate, the health care policy and delivery certificate, and the hospice and palliative care certificate, each offered by the College of Health Solutions.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College MathematicsMAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPBHBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad in the public health field is important to future success. Students expand their cultural competency and worldview to eliminate bias for when they begin work in the field; study abroad aids this expansion by providing exposure to unique health environments. Students can enhance their portfolio of experience through hands-on research which gives them an advantage in their field. Opportunities can take place in various countries, including Tanzania, Guatemala, France and others. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in public health: https://goglobal.asu.edu/students/major/chs/public-health (https://goglobal.asu.edu/students/major/chs/public-health).

Career Opportunities:
Graduates of this program qualify for entry-level positions in public health education, sanitation and environmental control, public health administration, health promotion and similar areas. Employment opportunities are available within national, state or local health departments and in community clinics, community or private advocacy groups, health education programs and nonprofit organizations.

Popular positions include:

- community health workers --- liaise with officials to improve the quality and cultural competence of health care service delivery to the community or to vulnerable groups
- environmental specialists --- investigate environmental health and food risks, advise the community on risk reduction and implement public health projects

• occupational health and safety specialists --- inspect workplaces for adherence to regulations and design programs for injury and illness prevention
• public health educators --- develop and implement strategies to improve the health of individuals and communities
• sanitarians --- observe facilities to ensure minimal disease spread, develop protocols for hygiene and monitor the handling of waste

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/public-health
HLTHN 401AA
CHS@asu.edu
602-496-3300

Speech and Hearing Science, BS (LASHSBS)

Campus: Tempe, Online

The BS/MS accelerated option for this program is not currently available to ASU Online students.

Program Description:
Students in the BS program in speech and hearing science study the normal aspects of the communication process. Emphasis is placed on the human communication system, including anatomy and physiology of the hearing and speech mechanisms; speech, language and hearing science; and normal development of speech and language production and perception. Upper-division coursework introduces disorders of speech, language and hearing.

Students attain broad-based knowledge in the basic aspects of speech, language and hearing sciences, which prepares them for graduate study in audiology or speech-language pathology or for potential employment opportunities in related health and behavioral fields.

Graduates typically work with a variety of populations, including people on the autism spectrum; bilingual language learners; those experiencing hearing impairment, delayed or disordered speech and language or stuttering; patients recovering from strokes; or patients with degenerative or neurological disease.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Auditory and Language Neuroscience, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/speech-and-hearing-science-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASHSBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

•Apply knowledge of typical adult speech and language profiles to evaluate speech and language deficits.

•Apply knowledge of typical speech and language development to evaluate developmental speech and language disorders.
•Evaluate the results of audiograms applying knowledge of normal hearing to determine hearing loss and auditory pathologies.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Health Solutions recommends the following study abroad programs for students majoring in speech and hearing science: https://goglobal.asu.edu/students/major/chs/speech-hearing-science (https://goglobal.asu.edu/students/major/chs/speech-hearing-science).

Career Opportunities:
Positions in speech-language pathology and audiology are in high demand, rated as careers with bright outlooks by the U.S. Department of Labor's Occupational Information Network. Employment opportunities for program graduates may include positions as:

- audiology assistants
- hearing aid or cochlear implant company representatives
- research assistants or associates in behavioral disciplines
- speech-language pathology assistants
- support personnel in rehabilitation or health facilities

Many graduates of speech and hearing sciences gain entrance into a graduate-level program in speech-language pathology or audiology. In both fields, a graduate degree is required for employment.

The undergraduate degree in speech and hearing science is also excellent preparation for those who wish to enter professional or graduate programs in fields such as:

- counseling
- education
- medicine
- rehabilitation
- social work
- special education
- teaching for the deaf

Graduates of speech-language pathology and audiology can work with children or adults with communication disorders in a variety of settings,

including:

- clinics
- hospitals
- private practice
- schools, all levels of preschool through secondary

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/speech-and-hearing-science
HLTHN 401AA
chs@asu.edu
480-965-2374

Sports Science and Performance Programming, BS (NHSPTSPPBS)

Campus: Downtown Phoenix

Program Description:
Supporting individuals at close to maximal effort requires specialized knowledge and skills. The BS program in sports science and performance programming prepares students to work with participants in sports, occupational and tactical environments to maximize their potential. Students learn the complexities of performance assessment which can enable careers in sport science, sports medicine or biomechanics.

The National Strength and Conditioning Association has identified a need for sports performance and tactical performance specialists to be more knowledgeable about human physiology, movement mechanics and the technologies used to provide feedback. Graduates understand how to push the limits of performance as well as the stress the body undergoes during training, enabling them to plan successful exercise and recovery programs.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU

(https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHSPTSPPBS~null + &college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying sports science and performance programming work to push the limits of peak sports performance. When studying abroad, students gain valuable skills in leadership, communication and critical thinking, which they can use to push the limits of their personal knowledge and experience. Study abroad allows students to stand out in a competitive field and leads to cultural enrichment and competency. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to pursue certification as strength and conditioning specialists or tactical strength and conditioning facilitators through NCSA, to work in the sports performance field, or for graduate study in sports science programs.

Career options for this degree include opportunities in sports performance training in high school, collegiate, professional and private sector markets. In addition, students are prepared for careers in tactical performance training with local, state and national governmental agencies including work with police, firefighters and military personnel.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/sports-science-and-performance-programming-bs
HLTHN 4th floor
chs@asu.edu
602-496-3300

Honors - Barrett, The Honors College

Honors College, (9HOHONALL)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:
About the college
Barrett, The Honors College at Arizona State University, is the nation's premier undergraduate honors college and it is recognized both globally and nationally as a leader in honors education. Barrett is a community of academically driven, high achieving students, who engage in a rigorous, yet flexible honors curriculum, customized to an individual student's needs and aspirations. Barrett stands alone in dedicated resources, size and complexity with a presence on all four ASU campuses and ASU Online; a multimillion-dollar endowment used to support honors students and their projects; and dedicated deans, faculty and staff that include administrative leadership across all campuses and more than 1,900 university faculty who teach and mentor Barrett students.

Barrett students may pursue any major and amplify their academic path with unique honors experiences, including special courses, research opportunities, internships, service learning and travel programs. First-year Barrett students begin their honors journey with The Human Event, a special two-semester honors seminar sequence taught by Barrett's interdisciplinary faculty of Honors Faculty Fellows. Students entering Barrett in their junior year take History of Ideas, an upper-division honors seminar that, like The Human Event, explores the most compelling and influential texts from all human history. Barrett students are members of a close-knit community of scholars with a history of securing national and international scholarships and fellowships that fund research, international travel, professional development or post-baccalaureate study, placing ASU among the top schools in the United States for success in national scholarship competitions.

With its outstanding programs, dedicated faculty and staff, and comprehensive facilities, Barrett is a national model for organizing resources to

support the honors experience at all four campuses at ASU and ASU Online. This unique arrangement is a model for higher education and has often been referred to as the best of both worlds by students who thrive in a small college atmosphere but appreciate access to a large university, with Division I athletics, a world-class faculty, innovative research endeavors, millions of dollars in public-private partnerships, deep community roots, a globally active alumni network, and high-profile special events.

A four-year residential college community is the hallmark of the Barrett living and learning experience on each of the four ASU campuses. The Tempe campus has a nine-acre first of its kind in the nation honors complex with residence halls for 1,700 students, multiple classrooms, a community center, dining hall and refectory, and administrative offices. The honors residential experience continues across the street with upper-division housing for 1,600 students in the 18-acre Vista Del Sol community. The Barrett Honors College residential experience also extends to the Downtown, Polytechnic and West campuses. The Barrett Downtown residential community, called B-Town D-Town, offers the experience of City Honors. Located at Taylor Place, this community is nestled at the heart of the campus and offers a rich, compelling and stunning living environment where students have easy access to ASU's downtown colleges and preprofessional programs as well as the unique and buoyant ambiance of the sports, governmental and commercial lifestyle of Phoenix, the fifth largest and fastest growing city in the nation. Barrett at the Polytechnic campus gives students the feeling of studying at a small private college with all of the advantages of a large university. Lantana Hall, the new residential building for the Polytechnic honors community, offers study and lounge spaces, a courtyard with community grills and an event lawn. Home to the Barrett Suite, Lantana Hall also features classrooms, a computer lab, and staff and faculty offices. Barrett at the West campus provides the entire range of honors activities in a small liberal arts college setting on the beautiful ASU West campus. Honors students live in both the Casa de Oro and Las Casas residence halls with approximately 500 other residents and take advantage of the new fitness center and dining hall. The space dedicated solely to honors students includes the 5,000 square foot Barrett Suite complete with computer lab, study rooms and meeting areas, as well as the Barrett West dean, faculty and staff offices. Students benefit greatly by taking all their honors classes in the specially designed Barrett West seminar room.

Barrett at ASU Online is the newest path to an honors academic experience at ASU. Now students from all over the country and world, who are earning degrees through ASU Online, have the opportunity to pursue an honors curriculum through Barrett's signature honors seminar --- History of Ideas; honors courses and sections; honors enrichment contracts, which amplify any ASU course into an honors experience; research and internships; travel programs and service learning projects. Barrett at ASU Online offers students live, synchronous honors seminars with all of the academic support and co-curricular programming associated with the Barrett honors experience.

Student Opportunities
ASU's size, number of majors, student organizations and student support services is an advantage, and it provides important opportunities for Barrett students to engage in meaningful ways. With the largest college residential profile across all four campuses, Barrett significantly contributes to the student life of the university. Barrett students demonstrate leadership in the classroom, in research labs, in mentoring and tutoring other students, and in securing leadership roles in student government, Changemaker Central, Greek Life and more than 800 student organizations. Barrett offers a full range of student-driven academic, service, wellness, arts, cultural, social, entrepreneurial and sustainability programming through both Barrett student organizations and college-specific programming overall. Barrett students also positively impact ASU and local, national and global communities through internships, service, travel and other professional development opportunities within Barrett and across ASU. Barrett students participate in study abroad programs that enable them to travel to foreign countries, immerse themselves in small classes taught by honors faculty, and experience different cultures and societies while earning honors credits.

Barrett students engage in cutting-edge research with distinguished ASU faculty or through special partnerships with the Mayo Clinic, the Biodesign Institute and Intel. Barrett College Fellows Undergraduate Research Program is a special initiative between Barrett and The College of Liberal Arts and Sciences to pair students with faculty research mentors in research and service learning projects across ASU. Students are developing iPhone applications, building robots, designing games or developing tools to improve health care, meet global energy needs and provide clean water, and secure data and information privacy. Many students also take advantage of internship opportunities developed exclusively for Barrett students with organizations like Mayo Clinic, Goldman Sachs, Microsoft, Google, and local congressional districts, the governor's office and the United States Senate. Barrett provides specialized programming and support for students who want to pursue internships as part of their honors curriculum.

Within Barrett, the Honors College, is the T.W. Lewis Center for Professional Development (the Lewis Center), which provides innovative honors courses, workshops and an emerging speaker series designed to help students achieve their personal best both during and after their college experience. The Lewis Center offers in-person programs and services available exclusively for Barrett students at no additional costs. Lewis Center courses are offered on all four ASU campuses and asynchronously to Barrett students at ASU Online. The interactive workshops are led by industry and academic experts in areas such as personal development, career success, financial literacy and life skills. The speakers series covers topics including self-awareness (behaviors, values and strengths), personal values and character development, leadership and entrepreneurship, decision-making and risk-taking, career planning, success and happiness. Many speakers also lend their perspective on difficult and important topics such as the role of personal values and character, overcoming adversity, making mistakes, and navigating complex life decisions.

Though the Lorraine Frank Office of National Scholarship and Advisement serves all of ASU, ONSA is located on the Barrett Tempe campus. At ONSA, Barrett faculty and staff mentor students as they apply for national and international fellowships. Each year, ASU students are selected for prestigious recognitions and awards, including the Rhodes Scholars, Gates Cambridge Scholars, Pickering Scholars, Goldwater Scholars, Boren Scholars and Killam Fellows. ASU students also have been awarded the Gilman International Scholarship, NSF Graduate Research Fellowships and Fulbright U.S. Student awards, placing ASU among the nation's top producers for fellowship winners.

Additional Program Fee: Y

Second Language Requirement: N

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students must complete an application to Arizona State University before submitting a separate application to Barrett, The Honors College. Students who have demonstrated high levels of academic achievement in high school or college may apply for admission to Barrett. Each candidate must file an application to the college separate from the ASU application, in accordance with the appropriate Barrett deadlines.

Applicants are evaluated on the basis of their academic records, their ranking within the graduating class, and their performances on the SAT or ACT. The college also values students who have special talents and aptitudes, exhibit exceptional leadership qualities, have had unusual life experiences or display significant community involvement.

The Barrett admission application and additional information about the college and its activities are available at https://barretthonors.asu.edu (https://barretthonors.asu.edu).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=9HOHONALL~null + &college=CHO) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Barrett, the Honors College highly encourages its students to enhance their educational experience by traveling. With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students can find more information on the Global Barrett website: https://barretthonors.asu.edu/global (https://barretthonors.asu.edu/global).

Contact Information:
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Integrative Sciences and Arts, College of

Applied Biological Sciences (Applied Biological Sciences), BS (TSABSABS)

Campus: Polytechnic

Program Description:
The BS program in applied biological sciences offers students solid foundations in biology and related sciences while allowing them to focus on an area of special interest.

Students learn about fundamental principles such as movement of energy and matter, exchange of genetic information, as well as the structure and function relationships that govern life processes. They also learn about ethical and policy challenges that can arise when applying biological principles to social issues.
In this program, students will contextualize knowledge through experience-based learning activities, including:

- faculty-guided research and service-learning projects
- case studies
- field trips
- internships
- hands on laboratories and field experience

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSABS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available in more than 65 countries, study abroad allows students to tailor their educational experience to their unique interests and skill sets. Those in applied biological sciences are able to expand their knowledge of how science impacts society in a variety of cultures and they can acquire a global perspective, preparing them to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates may pursue entry-level careers in wildlife and restoration ecology, urban horticulture and secondary education. The general program in applied biological sciences prepares graduates to succeed in graduate and professional schools in disciplines such as:

- biological research
- dentistry
- environmental biotechnology
- human health
- medicine
- physical therapy
- secondary education

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Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS (TSABSRBS)

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The applied ecology and preveterinary medicine concentration in the BS program in applied biological sciences is designed for students who want a strong scientific foundation in animal biology and health.

It is especially appropriate for students who plan to enter graduate or professional programs in veterinary medicine, animal health, wildlife biology and ecology or who plan to start careers related to wildlife biology, ecology, restoration and rangeland management.

Public and private career options are diverse and include small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, animal biology, habitat research and secondary education.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSRBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a 21st-century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates can pursue numerous entry-level careers in animal health and nutrition. The program in applied biological sciences also prepares graduates to succeed in graduate or professional schools in disciplines such as:

- animal biology
- animal health
- veterinary medicine

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Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)

Campus: Polytechnic

Program Description:
The concentration program in natural resource ecology in the BS in applied biological sciences offers students the broad base of knowledge they need to sustainably manage natural resources in a variety of ecosystems.

Students learn about fundamental components of natural systems such as soils and water and the plant and wildlife communities they support.

Students also learn to measure and assess plant and animal populations through a variety of field techniques and computer tools, including geographic information systems and remote sensing. Knowledge and techniques are applied to case studies in the classroom and laboratory projects.

Students in this program will contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- internships
- laboratories and field experiences

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSNRBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The natural world is complex and diverse, providing different resources from one biome to the next. Not only are natural resources varied across the globe, so are their uses. Students who study abroad gain a deeper understanding of global resources, how different cultures use the resources, and

how best to communicate sustainable use to a diverse audience. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities include employment with public agencies and private consulting firms and in positions such as:

- environmental consultant
- environmental researcher and educator
- natural resource manager
- park manager
- watershed manager
- wildlife biologist or ecologist

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Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)

Campus: Polytechnic, Online

Program Description:
The purpose of the concentration in preveterinary medicine in the BS program in applied biological sciences is to prepare undergraduate students to successfully complete the admission requirements for the pursuit of an advanced degree in veterinary medicine.

The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics, animal science and mathematics while offering specialized courses in veterinary medicine and opportunities for placement in internships in the field.

Students in this program will contextualize knowledge through experience-based learning activities, including:

- faculty-guided research and service-learning projects
- case studies
- field trips
- internships
- laboratory activities

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/pre-veterinary-medicine/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSPMBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities for graduates of this program may include entry into professional programs in veterinary medicine and animal health, including small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, education and animal biology research. This program can also lead to animal-focused careers outside of veterinary medicine at state game and fish departments, zoos, animal shelters and animal nonprofit organizations.

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Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)

Campus: Polytechnic

Program Description:
The secondary education in biology concentration is designed for students who want to teach biology at the high school level.

In addition to the standard curriculum, students receive hands-on experience in laboratory instruction in this BS program in applied biological sciences. The goal of the program is to prepare students to become teachers who excel both in biology and the related sciences.

Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- hands on laboratories
- secondary education clinical experience

Students enrolling in this concentration should also contact the Mary Lou Fulton Teachers College for information on teacher preparation coursework.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSSBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Those wishing to pursue a future in education must understand how classrooms are shaped by the students' diverse experiences, backgrounds and cultures. Study abroad offers firsthand experience in a wide range of cultures and communities, which can enhance a degree program. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. Programs can be found in a variety of countries around the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this concentration are prepared to teach biology in high schools as well as pursue numerous entry-level careers in biology. Employment opportunities exist in private and public sectors. Graduates of the general program in applied biological sciences are also prepared to succeed in graduate or professional schools in disciplines such as:

- animal health
- dentistry
- medicine
- non-profit educator
- physical therapy
- teaching

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)

Campus: Polytechnic

Program Description:
The sustainable horticulture concentration within the BS program in applied biological sciences is designed for students who want theory and practical experiences in unique aspects of plant culture in an urban desert environment.

Students acquire the skills to produce, design and care for ornamental and edible plantscapes. Students interested in sustainable practices have the opportunity to specialize in vertical farming and other plant-related technologies. Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- greenhouse experiences
- internships

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSUBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can explore habitats and ecosystems around the world in one of several study abroad programs; opportunities include working with scientists and conducting independent research. Students can stay on track for graduation by earning ASU credit while becoming immersed in other cultures. Studying abroad builds professional skills that employers demand, such as collaboration and critical thinking. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Horticulture is a multibillion dollar national and international enterprise that offers a diverse and exciting choice of professional careers. Graduates can pursue numerous entry-level careers in horticulture. Employment opportunities exist in private and public sectors. The general program in sustainable horticulture also prepares graduates to succeed in roles such as:

- organic urban farmer or permaculturist
- arboretum or botanical garden manager
- city horticulturist
- horticultural consultant, plant researcher or educator
- horticulture supply sales representative
- integrated pest management specialist
- interior plant specialist or plant propagator
- landscape designer or contractor
- nursery plant broker or cultivator and plant salesperson
- urban plant ecologist, forester, tree specialist or arborist

Career opportunities for urban horticulture graduates are not limited to any one geographic location; graduates can embark on careers throughout the United States, Canada, Mexico and overseas.

Contact Information:
Integrative Sciences and Arts, College of
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CISA@asu.edu
480-727-1526

Applied Mathematics, BS (LSMATBS)

Campus: Polytechnic

Program Description:
The BS in applied mathematics offered by the College of Integrative Sciences and Arts is a transdisciplinary program focused on developing flexible problem-solvers who can apply mathematical techniques and skills to a wide range of problems in the sciences, such as biology, social sciences, chemistry, physics and engineering.

The coursework builds a foundation in mathematical modeling, data analysis and the interpretation of mathematical results in real-world settings. Students choose electives in the sciences, technology, engineering or other areas of interest to complement and provide context for their mathematical training.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSMATBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which will enhance their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in applied mathematics are able to gain hands-on experience in programs such as a summer in Colombia or a semester in Ireland.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to apply their analytic skills and technical knowledge to problems in a range of careers in industry, government, education or nonprofit organizations. They also pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and applied mathematics such as in mathematical biology).

Contact Information:
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Applied Physics, BS (LSAPHYBS)

Campus: Polytechnic

Program Description:
The acceleration of advances at the frontier where physics, engineering and technology meet creates a need for interdisciplinary training and research that is not readily accommodated by traditional single-focus programs in physics.

Pairing fundamental physics with immediate applications, the BS program in applied physics is attractive to students whose interests span new physical technologies in industry and engineering. The degree program combines physics, computer science and applied mathematics to tackle complex real-life problems in physics, material sciences, engineering, chemistry and others.

This bachelor's degree program brings together the expertise of physics faculty, particularly in the modeling of physical systems, which relies heavily on both modern numerical techniques and fundamental physics.

The growing presence of Intel and other high-tech companies in the east valley and metropolitan Phoenix presents a unique opportunity to enhance the students' interaction with industry. Given the importance of hands-on experience, the degree program offers a series of unique courses allowing students interactive involvement in a project-based environment.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPHYBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Study abroad enables students to gain valuable experience that will enhance their resumes. With more than 250 programs available, they are able to tailor their experience to their unique interests and skill sets. Students in applied physics are able to gain hands-on experience in programs ranging from a summer in Colombia to a semester in South Korea. In a competitive field, students with study abroad experience stand out due to their heightened cultural competency and leadership and critical thinking skills. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates apply their knowledge in high-performance and scientific computing, biophysics, condensed matter physics, chemistry, material science, electrodynamics and radar physics. This knowledge is vital for employment in chemical and pharmaceutical companies, environmental management agencies and firms specializing in scientific software. Graduates are prepared to continue their studies in graduate programs in physics and chemistry.

Contact Information:
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Applied Quantitative Science, BS (LSAQSBS)

Campus: Polytechnic

Program Description:
Students learn to integrate and apply STEM-supported skills that are increasingly in demand in the 21st century.

Students of the BS program in applied quantitative science acquire six habits of mind, a mental practice that becomes increasingly automatic with progress through the curriculum and after, extending into career development.

Graduates are able to:

- apply and project quantitative reasoning to unfamiliar contexts
- communicate well within and without the expert domain
- critically and adaptably think about complex problems
- effectively search through and evaluate information
- experiment creatively and in an informed manner in search of new insights
- use sophisticated insight involving statistical inference and quantitative reasoning

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAQSBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in applied quantitative science are able to gain hands-on experience in a variety of countries around the world. Graduates who possess the heightened cultural competency, leadership and critical thinking skills acquired through study abroad may stand out in a competitive field. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Increasingly, employers are hiring people who know how to use quantitative information. Graduates of this degree program are equipped with the skills and knowledge sought by today's employers. People who work in any business or industry need to use quantitative skills to solve problems.

Contact Information:
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480-727-1526

Applied Science (Applied Leadership), BAS (LSALSBAS)

Campus: Polytechnic, ASU@Cochise, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yavapai, Online, Tempe

Program Description:
This BAS program prepares students for leadership positions in a wide variety of organizations and career fields.

The concentration in applied leadership focuses on the practice of innovative and effective leadership and helps students develop the skills and knowledge that leaders need to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources. It provides a valuable degree pathway for students with AAS degrees in fields such as fire science, environmental technology, machine shop technology and welding technology.

Students learn leadership skills that prepare them to become effective leaders in diverse environments --- applying those skills as team leaders, floor managers and shift captains.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:

Students applying to this program must have completed an AAS degree from a regionally accredited institution. For students with an Associate of Applied Science from an Arizona community college, the AGEC is recommended but not required. This program is not available for freshmen.

Change of Major Requirements:
Only students who have completed a Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-leadership-bas/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSALSBAS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying applied leadership can become influential and innovative leaders in the world. Through unique study abroad experiences across the globe, students gain valuable leadership and communication skills. Programs can be found in a variety of countries around the world. By studying abroad, students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates possess skills and knowledge needed for leadership positions in a wide range of organizations, including business, government, nonprofit agencies and the service industry.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
USE 138
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480-965-4464

Applied Science (Project Management), BAS (LSAPSPMBAS)

Campus: Polytechnic, Tempe, Online

Program Description:
The BAS program in project management offers a skills-driven curriculum that prepares students to be excellent project managers.

Students acquire the skills they need to ensure the progress and successful completion of complex projects: project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Students also explore the skills and knowledge that leaders employ when they organize diverse teams, evaluate ethical situations, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources and use emerging technologies in organizations.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
This program is not available for freshman.

Transfer Admission Requirements:
Students applying to this program must have completed an AAS degree from a regionally accredited institution. For students with an Associate of Applied Science from an Arizona community college, the AGEC is recommended but not required.

Change of Major Requirements:
Students changing their major to this program must have completed an AAS degree from a regionally accredited institution.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/project-management-transfer-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPSPMBAS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates possess the skills and knowledge needed for project management and leadership positions in a wide range of organizations, including business, government, nonprofit agencies and the service industry. Project managers can be housed within many specific industries, such as health care, information technology and construction management.

Contact Information:
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USE 138
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Applied Science (Technical Communication), BAS (LSTECBAS)

Campus: Polytechnic

Program Description:
The BAS in applied science with a concentration in technical communication is a flexible degree plan designed specifically for students who have earned an AAS degree from a regionally accredited institution. This major combines the technical experience gained in the student's associate degree program with a broader education of skills in management, leadership, critical thinking and communication.

Technical communication is applied workplace communication that makes technical information understandable and available to many audiences. In the technical communication concentration, students learn how to produce, design and manage information using both traditional and developing technologies.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available to freshmen.

Change of Major Requirements:
Only students who have completed a Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBAS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Technology is connecting the world and future technical communication professionals must be proficient in cross-cultural communication --- a skill well-developed through study abroad. Students earn ASU credit for completed courses while staying on track for graduation, and may apply financial aid and scholarships toward program costs. Study abroad can include research and volunteer experiences, all while students are being

immersed in another culture. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bureau of Labor Statistics estimates the need for writers and editors will increase by 25% during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Students in the program prepare for careers as:

- advertising and promotions managers
- communications teachers (postsecondary)
- copy writers
- correspondence clerks
- court clerks
- desktop publishers
- editors
- media and communication workers
- proofreaders and copy markers
- public relations specialists
- technical writers

Contact Information:
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Communication, BA (LSCOMBA)

Campus: Downtown Phoenix, Polytechnic

Program Description:
The BA program in communication in the College of Integrative Sciences and Arts explores how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Through the exploration, analysis and application of human communication, students gain the knowledge, creativity and skills they need to facilitate healthy relationships and workplaces, civil and sustainable communities and constructive intercultural interactions. With an integrative and applied emphasis on culture and communication, community advocacy and communication technologies, the degree allows for a concerted focus on the rapidly changing modalities of communication occurring today. Students learn to speak effectively, communicate across cultures, and critically analyze public controversy in ways that contribute to a variety of career fields.

Additional Program Fee: N
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCOMBA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students may engage in a unique and exciting opportunity to gain intercultural experience through tailored, international programs of study. They improve their language and cross-cultural skills for effective communication when studying abroad. They also develop critical teamwork and problem-solving skills and expand their knowledge of the liberal arts through lenses of different cultures. Opportunities to study abroad exist across the globe, including in Australia, the United Kingdom and a semester at sea. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Communication graduates are prepared for many different career fields, including public relations, marketing, community organizing and human resources.

Graduates often attend other top tier graduate schools, law schools and business schools, or find gainful employment as:

- advertising and promotions managers
- brand managers
- content creators
- community organizers
- community care builders
- human resource specialists
- influencers
- labor relations specialists
- lawyers
- marketing managers
- media and communication workers, all other
- public officials
- public relations and fundraising managers
- public relations specialists
- social media managers
- survey researchers
- training and development managers

Contact Information:
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College of Integrative Sciences and Arts
https://cisa.asu.edu
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Counseling and Applied Psychological Science, BS (LSCAPSBS)

Campus: Polytechnic, Online

Program Description:
Counseling and applied psychological science is a specialty in promoting psychological well-being. Counselors and applied psychologists provide the tools and resources necessary for individuals, families and organizations to cope with everyday problems.

The BS program in counseling and applied psychological science provides foundational training in counseling theories, addictions, trauma, lifespan development, group counseling and professional ethics. A unique aspect of the program is its attention to cultural diversity, focusing on age,

gender, race, ethnicity, sexual orientation, religion and socioeconomic status. As part of the program, students also participate in a hands-on internship in which they shadow a licensed therapist and apply counseling theory.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-science/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
In order to make a positive impact in the lives of others, students must understand the diverse set of experiences, backgrounds and cultures that shape the people with whom they wish to work. When studying abroad, students gain firsthand experience of a wide range of cultures and communities. Study abroad provides students with a unique global perspective with which they can impact the world. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with a degree in counseling and applied psychological sciences are prepared for careers in various settings:

- community centers
- government (sales and marketing, human resources management)
- mental health professions (youth counselor, substance abuse counselor, behavioral health technician)
- social services (high school psychology teacher, occupational analyst)
- schools and colleges (school psychologists, educators, professors)
- substance abuse treatment clinics

Graduates may qualify for employment in behavioral health care delivery settings such as community agencies, hospitals and rehabilitation centers to support counselors and other mental health professionals, and they are prepared for a variety of careers, such as vocational rehabilitation assistants, human service workers and life-skills instructors. The Bureau of Labor Statistics shows the outlook for job growth (2019 to 2029) for substance abuse, behavioral disorder and mental health counselors is 25%, which is much faster than average.

Graduates of this program are not license-eligible as professional counselors but are well prepared with an excellent foundation for entering graduate degree programs in disciplines such as counselor education, counseling psychology, clinical psychology, social work and family studies, counseling and related fields.

Contact Information:
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Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS (LSCAPSAABS)

Campus: Polytechnic, Online

Program Description:
Counseling and applied psychological science is a specialty promoting psychological well-being.

The substance abuse and addictions concentration of the BS program in counseling and applied psychological science provides coursework in counseling skills and techniques as they relate to substance abuse and addictions. Students acquire the necessary skills in screening, assessing, diagnosing and planning treatment of patients afflicted with substance abuse, addictions and related disorders.

While this program does not make students license-eligible counselors, the coursework meets the requirements for the Licensed Substance Abuse Technician credential through the Arizona Board of Behavioral Health Examiners (https://www.azbbhe.us/node/553 (https://www.azbbhe.us/node/553)).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-

sciences/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSAABS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
To make a positive impact in the lives of others, students must understand the diverse set of experiences, backgrounds, and cultures that shape the people with whom they wish to work. When studying abroad, students gain firsthand understanding of a wide range of cultures and communities, and they acquire a unique global perspective with which they can impact the world. More information on available programs can be found on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The projected job outlook for substance abuse and behavioral disorder counselors is estimated to increase by 25% between 2014 and 2024. A licensed substance abuse technician is at the entry level of serving clients who struggle with substance use and addictions. The LSAT assists substance abuse counselors in prevention and intervention efforts to individuals, groups and organizations. The LSAT credential prepares students for careers in substance abuse treatment clinics, community centers, social services and education settings under the supervision of licensed mental health professionals.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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English, BA (LSENGBA)

Campus: Polytechnic

Program Description:
The BA program in English is focused on literature, writing, film and culture.

Courses address a wide variety of genres, traditions and time periods. Students engage in close reading and critical thinking as they work with powerful, multilayered texts. They build communication skills as they compose for multiple purposes and audiences. The program ends with a degree capstone that allows students to use their skills and knowledge in a personalized academic or creative project.

Students are encouraged to pursue internship opportunities such as working in online publishing with Superstition Review (https://superstitionreview.asu.edu/ (https://superstitionreview.asu.edu/)) or mentoring youth writers in Young Authors' Studio.

Students must complete a minimum of 12 upper-division credit hours of ENG courses offered by the College of Integrative Sciences and Arts.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all

applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Liberal Studies (Film and Media Studies), MLSt
Liberal Studies, MLSt
Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSENGBA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
English students can explore the hometowns of famous authors and visit locations that have inspired masterpieces of both fiction and nonfiction. Study abroad programs offer students the chance to build a global perspective and knowledge in unique environments as preparation for leadership in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Integrative Sciences and Arts recommends the following study abroad programs for students majoring in English: https://goglobal.asu.edu/students/major/english (https://goglobal.asu.edu/students/major/english).

Career Opportunities:
The bachelor's degree program in English prepares scholars and teachers for graduate or professional study and for careers in education, writing and other related fields. Career prospects for secondary language-arts teachers in Arizona are particularly strong. More importantly, students in the program develop skills that employers value, such as analyzing ideas and problems, finding and evaluating information, communicating effectively and presenting clear and logical arguments. With these skills, graduates of the program can find jobs such as these:

- advertising and promotions managers
- copy writers
- editors
- lawyers
- media and communication workers
- paralegals and legal assistants
- public relations specialists
- teachers and instructors
- technical writers
- writers and authors

Contact Information:
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General Studies, BA (LSGNSBGS)

Campus: Downtown Phoenix, Polytechnic, ASU@Lake Havasu

Program Description:
The BA program in general studies offers students a flexible, innovative path to degree completion. Graduates of the program are informed and effective members of society who are well prepared for a changing global marketplace with its diverse cultures.

The theme of this degree is professional preparedness and integrating the needs of society and the individual. Students explore the tensions between individualism and collectivism, the public and private selves, service and community, domestic and global, and the interplay of culture and identity constructions.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSGNSBGS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Those who have majored in General Studies have the option of working in almost any field that requires effective interaction with others, fields as diverse as sales, social services, organizational management, and government administration. Graduates are equipped with transferable skills highly desired by many employers; therefore, a wide array of job choices are available. The bachelor's degree creates great flexibility in career choice because of the versatility within the program.

Graduates may choose occupations for which their cluster prepares them, including:

- administrative services manager
- curator
- medical and health service
- military and veteran's services
- property, real estate and community association managers
- public relations specialist
- purchasing manager
- real estate sales agent
- sales manager
- writer and author

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History, BA (LSHISBA)

Campus: Polytechnic

Program Description:
The BA program in history focuses on American history, with coursework in European, Latin American and global historical perspectives. Faculty expertise includes the history of technology and science, biography, war and its effect on society, public history, aviation, environmental history and related fields.

Students are trained in methods of historical research and study the development of human society from social, cultural and political perspectives. The capstone course and other research courses allow students to apply research and writing skills as practitioners of history and creators of analytical narratives.

Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Students who would like to combine this degree with teaching certification should contact the Mary Lou Fulton Teachers College.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western

states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Liberal Studies (Film and Media Studies), MLSt
Liberal Studies, MLSt
Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHISBA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
History transcends a city, state, province, country and even a continent. Study abroad helps students dive deeper into their studies by providing the opportunity to experience firsthand the cultures and places where history has taken place. Students are able to use these encounters to discover the interconnections of ideas and places at primary source sites. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are well prepared for careers in education, writing and other related fields. Career prospects for secondary history and social studies teachers in Arizona are particularly strong. Students in the program develop skills in:

- analyzing and assessing ideas and problems
- communicating effectively orally and in prose
- finding and evaluating information
- presenting clear and logical arguments

With these skills, graduates of this program may find jobs in:
Public History
- archivists
- museum curators
- museum technicians and conservators

Legal Professions
- court reporters
- law clerks
- lawyer
- paralegal and legal assistants

Education
- college and university faculty
- middle school teachers
- secondary school teachers

Media and Communication
- broadcast news analysts
- historians
- media and communication workers
- news columnists
- reporters and correspondents
- writers

The bachelor's degree program in history also prepares scholars and teachers for graduate and professional studies.

Contact Information:
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History of Science, Technology and Innovation, BA (LSHSIIBA)

Campus: Polytechnic

This program's name has changed effective Fall 2022. The previous name was History of Science, Ideas and Innovation.

Program Description:
The BA program in the history of science, technology and innovation provides students with a grounding in the social and intellectual issues central to understanding the role of science, technology and ideas from past to present.

This transdisciplinary degree program encourages students to combine coursework in the natural and applied sciences with historical and philosophical approaches to social knowledge.

Students majoring or minoring in the history of science, technology and innovation program graduate with a foundation for advanced work either in the humanities, the sciences or in transdisciplinary fields bridging written and technical work.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHSIIBA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on programs is available on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates are prepared for successful careers in a wide range of fields, including science and technical writing, consulting, museum studies, the digital humanities and other fields that benefit from transdisciplinary exchange. Graduates are also prepared to enter advanced programs in history and science as well as law and medical schools.

Contact Information:
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Integrative Social Science, BS (LSISSBS)

Campus: Polytechnic

Program Description:
The BS program in integrated social science is designed to cross-educate students in the disciplines of the social sciences to meet the complex issues that confront human society in the 21st century.

The program bridges traditional disciplinary boundaries to immerse students across disciplines, allowing for true fusion of ideas and methodologies which otherwise may elude them with traditional, single-discipline social science programs.

Graduates of the program are prepared with theory and research skill sets that allow them to draw from the best of the multiple disciplines of the social sciences as they confront a technically sophisticated world. The program prioritizes inclusion, community health, and social-science knowledge as students learn to apply their learning and skills to real-life social issues.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSISSBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students are able to enhance their understanding of societal structure and human interaction through unique cultural experiences by studying abroad. They gain heightened cultural competency and communication and critical thinking skills while exploring a new and exciting part of the world. Programs can be found in a variety of countries. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Because of their mastery of the multiple methodologies of the social sciences, graduates of the program have many more professional opportunities available to them than their peers with single-discipline training. Graduates pursue a variety of careers, exemplified by this partial list:

- conflict resolution experts
- counselors or case workers
- environmental assessment experts
- organization managers (private, public and nonprofit)
- policy analysts
- nonprofit work
- politics
- public relations
- sustainability experts

Contact Information:
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Interdisciplinary Studies, BA (LSBISBIS)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:
The Arizona State University BA program in interdisciplinary studies, one of the top five in the country, offers students the freedom to select two areas of study, referred to as concentration areas, from a rich menu of more than 170 options. Students may explore concentration areas by interest area at https://cisa.asu.edu/ids-concentrations (https://cisa.asu.edu/ids-concentrations).

The core curriculum provides students with the intellectual tools to integrate their concentration areas, engage in transdisciplinary problem-solving and prepare for careers and graduate programs that increasingly cross disciplinary boundaries. An interdisciplinary studies student could choose to integrate concentrations like business and project management, psychology and social welfare, communication and justice studies, public administration and ethics, digital culture and computer gaming or many other unique combinations.

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary studies students take an active role in designing their educational plans and defining their career goals. The degree emphasizes written communication, versatility, self-assessment and critical thinking --- essential skills for today's dynamic world.

Those interested in the online program for interdisciplinary studies may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Liberal Studies (Film and Media Studies), MLSt
Liberal Studies, MLSt
Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The program is available to all students in good academic standing who have achieved sophomore, junior or senior standing. Students should meet with an advisor to declare their major as interdisciplinary studies.

Change of Major Requirements:
There are no additional requirements for current ASU students to change majors into this program; however, students interested in the

interdisciplinary studies major are highly encouraged to meet with an advisor.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSBISBIS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying and interning abroad can be one of the most valuable tools for interdisciplinary studies students. Study abroad programs provide students the opportunity to develop a valuable intercultural communication skill set that can give them an advantage in the 21st century workforce. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Integrative Sciences and Arts recommends the following study abroad programs for students majoring in interdisciplinary studies: https://goglobal.asu.edu/students/major/interdisciplinary-studies (https://goglobal.asu.edu/students/major/interdisciplinary-studies).

Career Opportunities:
The flexibility of the interdisciplinary studies program allows graduates to take many exciting career paths after leaving ASU. While some complete graduate or professional degrees, others immediately enter the job market. For example, one graduate combined business and communication and now owns a small business; another integrated sociology and family studies to further a career in law enforcement; another studied philosophy and economics to prepare for law school; another combined biology and chemistry in preparation to pursue a master of pharmacy degree; and yet another studied Spanish and religious studies and now works as an employee trainer for a major company.

Possible career opportunities include:

- archivist
- climate change analyst
- compliance manager
- computer network support specialist
- curator
- editor
- environmental restoration planner
- general and operations manager
- regulatory affairs manager
- higher education professional
- web developer
- wholesale and retail buyer (except farm products)

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)

Campus: Online

Program Description:
Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary students develop the intellectual tools needed to build bridges between academic disciplines and apply their skills, innovations and knowledge in various academic and practical settings.

The BA degree in organizational studies is intended for students seeking an interdisciplinary degree and who possess a desire to learn about the dynamics of contemporary organizations. Organizational studies students gain valuable knowledge of management styles, communication strategies, technologies, diversity, ethics and politics.

All coursework for organizational studies is offered online, giving students freedom and flexibility in completing their requirements.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Liberal Studies (Film and Media Studies), MLSt
Liberal Studies, MLSt
Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies-organizational-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGBIS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying and interning abroad can be one of the most valuable options available for interdisciplinary studies students. Study abroad programs provide organizational studies concentration students the opportunity to develop a valuable intercultural communication skill set that can give them an advantage in the 21st century workforce. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
By engaging in a breadth of knowledge and experience, and by acquiring the skills to integrate various domains of knowledge, students prepare themselves for a range of professions, including:

- human resources specialists
- industrial organizational psychologists
- investment fund managers
- loss prevention managers
- management analysts
- regulatory affairs managers
- supply chain managers
- urban and regional planners

Many students majoring in organizational studies already have a chosen career field yet desire a degree that is versatile, flexible, meaningful and affords the opportunity for continued career development and advancement. Because of the flexibility of the program, graduates take many different career paths after finishing their degree. Recent graduates have found opportunities in many exciting fields, such as:

- business
- education
- health care administration
- nonprofit administration
- tourism

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Liberal Studies, BA (LABLSBLS)

Campus: Polytechnic, Online

Program Description:
For students whose interests are too big for any one major, or degree-completion students looking for the best way to finish a bachelor's degree with earned credits, the BA program in liberal studies opens up the academic world for exploration.

The liberal studies major offers a course of study emphasizing the humanities and social sciences and gives students great flexibility in constructing their own educational path. Courses engage students in diverse ideas and perspectives, and students develop habits of mind beneficial in all areas of life. Liberal studies prepares students to meet the challenges of a complex world. It offers a path that enables students to prepare for a career or to change careers, to increase self-understanding, and to develop thoughtful engagement with other people and diverse cultures.

Liberal studies are the oldest form of higher education in the Western tradition, with roots going back to ancient Greece. It was realized early on that democracy depends on a population of educated people who can make and follow arguments, who can communicate clearly in a public forum, and who can learn how to learn about the important subjects affecting people's lives.

A liberal education is not the same thing as being politically liberal in the modern sense, as throughout history people from all political perspectives have made significant contributions to and drawn from the knowledge and skills that define a liberal education.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Data Science), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Liberal Studies (Film and Media Studies), MLSt
Liberal Studies, MLSt
Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
The MyPath2ASU™ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU™ pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit https://admission.asu.edu/transfer (https://admission.asu.edu/transfer) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-liberal-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABLSBLS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Integrative Sciences and Arts recommends the following study abroad programs for students majoring in liberal studies: https://goglobal.asu.edu/students/major/liberal-studies (https://goglobal.asu.edu/students/major/liberal-studies).

Career Opportunities:

Liberal studies graduates are prepared to enter the workforce or pursue graduate or professional studies. Graduates are prepared for the following careers, as well as others:

- creative writer
- grant writer
- higher education professional
- public relations personnel
- research analyst
- training specialist

Some career options may require additional training or schooling.

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Military Studies, AA (LSMILSTAA)

Campus: Online

Program Description:
The AA in military studies is designed for a partnership with the U.S. Naval Community College to provide training to enlisted personnel sailors, marines and coast guards. The degree is a rigorous program that provides a comprehensive foundation of study in the history of war and warfare, history of regions identified in the National Defense Strategy, the U.S. foreign policymaking process, international relations theories, and U.S. political and military systems. Through the interdisciplinary curriculum, students gain the tools to use historical analysis, demonstrate critical thinking, and develop strong written and verbal communication skills. The program includes capstone research or an applied project in which students explore the role of the U.S. Navy in advancing the goals of the nation in the past, present or future.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students must be accepted to the U.S. Naval Community College to be admitted to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSMILSTAA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Career Opportunities:
Graduates of this program are prepared to further advance in careers in military service as well as to succeed in further undergraduate study in order to complete a bachelor's degree.

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Organizational Leadership, BA (LSORGLBA)

Campus: Polytechnic, ASU@Cochise, ASU@Lake Havasu, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yuma, ASU@Yavapai, Online

Program Description:
The BA program in organizational leadership program uses transdisciplinary methods that prepare students to become leaders in organizations. Students develop the skills and knowledge that leaders need in order to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in organizations.

Students who complete the program in Lake Havasu City choose from three focus areas: organizational behavior, organizational leadership, and

project management.

Students interested in completing the Bachelor of Arts program in the Gila Valley, Pinal County, Cochise County, Pima County, Yavapai County or Yuma are encouraged to complete a MyPath2ASU™ program. Students should see admission requirements below.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Liberal Studies (Film and Media Studies), MLSt
Liberal Studies, MLSt
Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
The MyPath2ASU™ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU™ pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit https://admission.asu.edu/transfer (https://admission.asu.edu/transfer) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-organizational-leadership/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLBA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Integrative Sciences and Arts recommends the following study abroad programs for students majoring in organizational leadership: https://goglobal.asu.edu/students/major/organizational-leadership (https://goglobal.asu.edu/students/major/organizational-leadership).

Career Opportunities:
Graduates possess skills and knowledge they need for leadership positions in a wide range of organizations, such as business, government, health care administration, nonprofit agencies and the service industry.

Based on information from other universities with similar degrees, graduates may pursue a variety of careers, such as:

- account manager
- community relations manager
- deputy sheriff trainee
- director of employee services
- director of training
- director of youth development
- diversity specialist
- executive assistant
- facilities manager
- housing assistant
- knowledge manager
- organization development consultant
- performance evaluation specialist
- project manager
- sales executive
- sales manager
- senior video producer
- service manager
- supervisor

- talent manager

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Organizational Leadership (Project Management), BA (LSORGLPMBA)

Campus: Polytechnic, Tempe, ASU@Cochise, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yavapai, Online

Program Description:
The BA program in organizational leadership with a concentration in project management offers theoretically and skills-driven curriculum to prepare students to be excellent project managers and project management leaders.

Students learn to integrate leadership theory and practice in organizational leadership courses. They learn the skills and knowledge that leaders need to lead diverse teams, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources and use emerging technologies in organizations. Students also acquire the skills necessary to manage complex projects: project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Liberal Studies (Film and Media Studies), MLSt
Liberal Studies, MLSt
Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/organizational-leadership-project-management-ba/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLPMBA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The organizational leadership program uses transdisciplinary methods that prepare students to become world-class leaders in the contemporary and fast-paced global workplace. Through study abroad experiences, students develop the skills and knowledge that leaders need to solve problems, communicate effectively, manage complex projects and resources, and use emerging technologies in their organizations. Students can find more information on available programs on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates are prepared for a range of positions in the public and private sectors, including government, information technology, nonprofit agencies, businesses of many kinds and in the service industry. Graduates are prepared for jobs as technical project managers, project managers versed in the Agile methodology and others, senior project managers, portfolio or project managers or directors of project management. In addition, students may seek advanced study in the form of the Project Management Professional credential, graduate and postbaccalaureate degrees.

According to the U.S. Bureau of Labor Statistics, project manager salaries range anywhere from $74,000 to $100,000. The bureau also indicates that the average project manager receives a little more than $42 per hour in wages.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Political Science, BS (LSPOLBS)

Campus: Polytechnic

Program Description:
The BS program in political science gives students the background and skills they need to gain employment in a relevant profession or to continue their studies in graduate programs or professional schools.

The program helps students understand the assumptions underlying political science and develop the research skills to analyze complex socio-political issues. Those objectives are accomplished by offering a flexible program and by providing students with both individual and group experiences, working with faculty on concrete intellectual and policy issues.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.

Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPOLBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad while learning political science adds a global component to students' education, increasing their ability to analyze complex socio-political issues and affording them skills and knowledge that prepare them to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program serves as good preparation for staff, manager or policy analyst positions in local, state and federal government. This degree is recognized by employers as qualification for many careers in business (for-profit and nonprofit) and industry. Opportunities may include positions that involve binational, crossborder positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or as a basis for further study in such applied fields as:

- community development
- political science
- public administration
- public policy
- social science
- urban affairs
- urban and regional planning

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Psychology, BA (LSPGSBA)

Campus: Polytechnic

Program Description:
Psychology is the scientific study of mind and behavior.

The BA program in psychology emphasizes critical thinking, empirical research methods and writing and adds practical experience through internships, service-learning and faculty-supervised research. The Bachelor of Arts program provides a broad foundation in psychology and affords students the flexibility to choose from a variety of courses outside the major.

Students have the opportunity to participate in faculty-led research labs on a wide range of topics, including:

- PLENA Research Lab (https://www.plenaresearch.org/ (https://www.plenaresearch.org/))
- Couples Coping with Stress Lab (https://ashleykrandall.wixsite.com/asucouplescoping (https://ashleykrandall.wixsite.com/asucouplescoping))
- Tran Ethnic and Minority Psychology and Experiences (TEMPE) Lab (https://sites.google.com/site/tempelab/about (https://sites.google.com/site/tempelab/about))

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPGSBA~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The benefits students gain by studying abroad allow them to stand out when pursuing many career fields. Study abroad students are exposed to unique differences in the human condition worldwide, are able to improve language and cross cultural skills for effective communication, and are

challenged to adapt under new social and cultural circumstances. Opportunities for study are worldwide, including in Singapore, Australia and Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Integrative Sciences and Arts recommends the following study abroad programs for students majoring in psychology: https://goglobal.asu.edu/students/major/psychology (https://goglobal.asu.edu/students/major/psychology).

Career Opportunities:
The Bureau of Labor Statistics shows that the outlook for job growth (2016 to 2026) for psychologists is 14%, which is faster than average.

A degree in psychology prepares students for a career in a variety of settings:

- consulting firms
- government (sales and marketing, human resources, research, administration, management)
- hospitals
- industries and organizations
- mental health agencies
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- health
- physiological
- social

Contact Information:
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College of Integrative Sciences and Arts
https://cisa.asu.edu
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Psychology, BS (LSPGSBS)

Campus: Polytechnic

Program Description:
Psychology is the scientific study of mind and behavior.

The BS program in psychology emphasizes critical thinking, reasoning, quantitative research and scientific writing.

Students have the opportunity to participate in faculty-led research labs on a wide range of topics. Some labs include:

- PLENA Research Lab (https://www.plenaresearch.org/ (https://www.plenaresearch.org/))
- Couples Coping with Stress Lab (https://ashleykrandall.wixsite.com/asucouplescoping (https://ashleykrandall.wixsite.com/asucouplescoping))
- Tran Ethnic and Minority Psychology and Experiences (TEMPE) Lab (https://sites.google.com/site/tempelab/about (https://sites.google.com/site/tempelab/about))

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPGSBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Through study abroad programs, students are exposed to unique differences in the human condition, are able to improve language and crosscultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Opportunities for study are worldwide, including in Singapore, Australia and Ireland. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Graduates of the psychology program who have study abroad experience are positioned to stand out in many career fields.

Career Opportunities:
The Bureau of Labor Statistics shows that the outlook for job growth (2016 to 2026) for psychologists is 14%, which is much faster than average.

A degree in psychology prepares students for a career in various settings:

- consulting firms
- government (sales and marketing, human resources, research, administration, management)
- hospitals
- industries and organizations
- mental health agencies
- social services (high school psychology teacher, occupational analyst)

The degree program also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- quantitative
- physiological
- social

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu

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480-727-1526

Science, Technology and Society, BS (ECSTSBS)

Campus: Polytechnic

Program Description:
Questions surrounding the interaction of science, technology and human systems are highly transdisciplinary and cultural, requiring analytical techniques that transcend space and time. Thus, the BS program in science, technology and society stresses the need to step outside both disciplinary and cultural boxes in pursuit of knowledge.

Accordingly, the program is heavy on cultural and information literacy and critical thinking. The primary goal is to produce generalists who understand the intricate interrelationship of science, technology and society and who are armed with the technical skills to change their environment.

The bachelor's degree program in science, technology and society prepares professionals and scholars for careers in the 21st century world focusing primarily, but not exclusively, on the interaction of science and technology with human systems. The program focuses on the development of the technical skills required to audit social, political and policy impacts of technological advancement and the competence required to navigate questions surrounding the future trajectory of science and technology.

The following three tracks are available: general science, technology and society; global technology and development; and science, technology and governance. Students may use the general science, technology and society track to design targeted programs of their choosing, including premedical and prelaw.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECSTSBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all science, technology and society students. Students in all tracks can benefit from a study abroad experience, especially those in the global technology and development track. Study abroad helps students increase their global knowledge and intercultural communication skills, which can prepare them for graduate and professional study as well as to lead in 21st century careers, both domestic and international. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for graduate or professional study or professional careers in:

- commercial and industrial design
- public relations
- transportation, urban and regional planning
- environmental impacts and problem mitigation
- regulatory affairs
- nonprofit work
- politics
- academics
- entrepreneurial businesses
- governmental agencies

Contact Information:
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https://cisa.asu.edu/program-contacts
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480-727-1526

Technical Communication, BS (LSTECBS)

Campus: Polytechnic, Online

Program Description:
Technical communication is applied workplace communication that makes technical or specialized information understandable and available to many different users. It involves using a range of technologies to craft an ever-expanding array of print and digital information products: websites, social media sites, help files, training materials, grants and proposals, and data visualizations, to name just a few.

Technical communicators work in many professional roles, such as information developers, grant writers, web interface designers or user experience specialists. What all of these roles have in common is the focus on creating accessible and appealing communication that has a practical purpose and is intended for a particular audience.

In the technical communication program, students learn how to analyze, write, design, produce and manage print and digital information using traditional and developing technologies.

The BS degree program in technical communication in the College of Integrative Sciences and Arts is the only undergraduate technical communication degree program available in the state of Arizona.

Those interested in the technical communication online program may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all

applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technical-communication/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Those who study abroad while learning technical communication will have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to utilize various print and digital information products to relate technical and specialized information. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bureau of Labor Statistics estimates that job growth in technical writing and related areas will continue to be significantly higher than average during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Students in the program prepare for careers such as these:

- communication manager
- content strategist
- data visualization specialist
- engineering support specialist

- information architect
- new media or social media specialist
- public relations specialist
- technical writer
- user experience specialist
- web content creator

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/program-contacts
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Technical Communication (User Experience), BS (LSTECUBS)

Campus: Polytechnic, Online

Program Description:
The user experience concentration of the BS degree in technical communication provides technical communication majors with an interdisciplinary foundation in communication, research and design that is central to the rapidly growing area of user experience.

The program provides students with a conceptual understanding and applied skills in methods of gathering user information, analyzing data and communicating research findings to stakeholders. Although its disciplinary home and primary focus is technical communication, the concentration includes courses from human systems engineering and graphic information technology in order to provide students with the multiple perspectives and complementary skills needed for user experience work.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

User Experience, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-user-experience-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECUBS~null + &college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who have studied abroad while learning technical communication have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to utilize various print and digital information products to relate technical and specialized information. Students also gain an understanding of who users may be and of cultural differences that may affect user needs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Technical communicators with expertise in user experience have numerous career opportunities in growth areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
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Interdisciplinary Arts and Sciences, New College of

Applied Computing, BS (ASACOBS)

Campus: West

Program Description:
Students in the BS program in applied computing learn a computer science foundation and then explore the established knowledge and emerging developments in the high-demand areas of database systems, computer networks and cybersecurity. The program also provides the opportunity to investigate interdisciplinary connections, including the combination of computing with its real-world application in other disciplines through concurrent degrees and minors.

Hands-on class projects, internships, industry partnerships and authentic and impactful research conducted with faculty provide numerous opportunities for students to apply their knowledge before they graduate. Students use their programming expertise, systems knowledge and critical thinking skills to effectively problem-solve and articulate their experience through presentations, scientific posters and professional papers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Data Science, MS
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in applied computing are able to gain hands-on experience in a variety of countries around the world. With the heightened cultural competency and leadership and critical thinking skills they acquire through study abroad, students can stand out in a competitive field. More information on available programs can be found on the Global Experience website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared to integrate technology with human activities, respond to global changes, solve problems, and create and manage the technological production of information and creative products.

Core information technology industries are among the fastest growing sectors in the U.S. economy. Graduates find employment opportunities with corporations and businesses, nonprofit and government agencies, digital arts media industries and in the academic world.

With a depth of knowledge and experience in information technology best practices, graduates have a strong foundation in systems with established interconnections among these fields that prepares them for graduate study and for careers that include cybersecurity analysts, database architects and network engineers.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/applied-computing-degree

FAB N100
mnsadvising@asu.edu
602-543-3000

Applied Computing (Cybersecurity), BS (ASACOCBS)

Campus: West

Program Description:
The cybersecurity concentration prepares students for a continuing and progressive career in cybersecurity.

The innovative cybersecurity concentration builds upon the BS program in applied computing. Students acquire the technical knowledge on how to secure networks and applications, an understanding of cybersecurity governance models and risk management fundamentals, methods of communicating complex risk issues, and solutions for the challenges of implementing cybersecurity controls within various organizational models. Leadership, critical thinking and effective communication also are emphasized. Students gain experience with real-world cybersecurity organizations, protecting digital assets against compromise or theft.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOCBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students focusing on cybersecurity are able to gain hands-on experience in programs in a variety of countries around the world. In a competitive field, graduates stand out with the heightened cultural competency, leadership and critical thinking skills they acquired when studying abroad. More information on available programs is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This is an ideal degree for students interested in careers in cybersecurity. Opportunities are available both in the private sector and within governmental agencies (e.g., the FBI, Homeland Security, the National Security Agency and the Department of Defense).

Graduates of the applied computing program with a concentration in cybersecurity are well prepared for graduate study as well as entry-level employment with businesses, nonprofits, government agencies and academic institutions. Cybersecurity-focused positions include:

- chief information security officer
- cyber risk analyst
- information security engineer
- network security engineer
- security operations center analyst

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/applied-computing-cybersecurity
FAB N100
MNSadvising@asu.edu
602-543-3000

Applied Mathematics, BS (ASMATBS)

Campus: West

Program Description:
The BS in applied mathematics is an interdisciplinary program that provides a broad and rigorous foundation in applied mathematics. It includes a foundation in computing and statistics as well as both theoretical and applied mathematics.

The program emphasizes quantitative problem-solving and critical thinking through courses that expose students to a variety of mathematical theories, techniques and applications currently used by analysts and researchers in government, industry and nonprofit organizations.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASMATBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students enhance their resumes and gain valuable experience through study abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in applied mathematics are able to gain hands-on experience in programs such as a summer in Colombia or a semester in Ireland. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for entry-level positions in industry, finance, government, nonprofit organizations and education. They also may pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and computer science), and their career opportunities include:

- applied mathematical networks
- financial mathematics
- general applied mathematics
- mathematical biology
- operations research

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/applied-mathematics-degree
FAB N100
mnsadvising@asu.edu
602-543-3000

Applied Science, BAS (ASBASBAS)

Campus: West

Program Description:
The BAS program is for students who have already earned a community college AAS degree. The program allows students to apply the technical knowledge gained from their associate degree and significantly broaden their education through completion of a concentration of their design that expands on the coursework completed in their AAS or by creating a new concentration in a different area of study.

The program includes a unique, personalized area of concentration tailored to the student's individual interests and career goals. The possibilities include applied computing, applied ethics, biology, biomedical research, business, conflict resolution, communication, creative writing, cybersecurity, English, environmental science, film and video studies, forensic psychology, forensic science, interdisciplinary arts and performance, risk communication, peace studies, political science, psychology, Spanish and statistics.

The program also includes an internship experience.

Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students who have earned an Associate of Applied Science from an accredited institution may transfer 60 credit hours toward the Bachelor of Applied Science degree.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who

select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

Change of Major Requirements:
A current ASU student must hold an Associate of Applied Science degree in order to change the major to this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBASBAS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all applied science students. Students can tailor their educational experience abroad to their unique interests and skill sets, and they gain cultural competency, leadership and critical thinking skills from studying abroad, preparing them to lead in a 21st century career. Students are able to gain hands-on experience in programs in a variety of countries around the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Because the program allows students to tailor their concentration, graduates are prepared for a wide range of career opportunities as well as graduate programs such as law, business, social sciences and education.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/applied-science-degree
FAB N100
harcsadvising@asu.edu
602-543-3000

Biology, BA (ASLSCBA)

Campus: West

Program Description:
The BA program in biology with an emphasis in the natural sciences examines the interdisciplinary nature of the life and physical sciences, focusing on the ways in which these disciplines intersect. The program's organization and flexibility allows students to simultaneously study another subject outside their major. Students are encouraged to add a minor or concurrent degree in another subject area.

Students gain hands-on experience as they work both in small groups and one-on-one with individual faculty members. Students may participate in cutting-edge scientific research by assisting in faculty research laboratories and even publish in top journals and present their results at regional and national scientific meetings.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Data Science, MS
Communication Studies, MA
Social Justice and Human Rights, MA
Social Technologies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBA~null + &college=CAS) to outline a list of recommended courses to

take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Unique experiences and community engagement help students stand out in a competitive field. With opportunities to intern, research and learn internationally, studying abroad can challenge students, improve language skills, and provide cultural immersion. The wide range of programs offered ensures that students can stay on track for graduation while taking classes in locations such as Singapore, South Korea or Australia. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for entry-level jobs in research, nonprofit, education and outreach organizations and for other roles in the life sciences.

Graduates have a wide variety of options, including pursuing graduate studies or seeking careers in areas that include:

- environmental management and conservation
- health professions
- laboratory research
- primary and secondary school teaching
- science advisement to businesses and government
- science writing

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/biology-degree-ba
FAB N100
MNSadvising@asu.edu
602-543-3000

Biology, BS (ASLSCBS)

Campus: West, ASU@Lake Havasu

Program Description:
The BS program in biology with an emphasis in the natural sciences examines these disciplines through experiential learning. By learning in an integrative environment that emphasizes the connectedness of the life sciences, students gain a better understanding of larger scientific concepts and can view these concepts from multiple perspectives.

All the program's core courses include laboratories.

Students are encouraged to conduct independent research under the mentorship of faculty members or during internships. Some even publish in top journals and present their results at scientific meetings.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences or STP 226 Elements of Statistics
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying biology have a wide range of opportunities they can pursue. With over 250 programs available, study abroad allows students to tailor their educational experience to their unique interests and skill sets. Students can expand their knowledge of how science impacts society through a variety of cultures and can develop global skills and knowledge to prepare them to lead in a 21st century career. More information on available programs is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This program prepares graduates for a wide range of careers by offering course and laboratory work and quantitative research opportunities that develop fundamental problem-solving, critical thinking, writing and communication skills. Graduates may enter careers in:

- business
- laboratory or field research
- medicine
- publishing
- scientific journalism
- teaching

Undergraduate laboratory experience, both on and off campus, enhances employability as a laboratory technician or research associate in university and government research laboratories; in hospital and diagnostic laboratories; and in pharmaceutical, biotechnology, agricultural and food processing companies.

Students engaged in field studies are prepared for entry-level positions in private companies and state and federal agencies, such as wildlife biologist, environmental consultant or conservation officer. They are also prepared for graduate or doctoral programs in human or veterinary medicine, pharmacy, dentistry or scientific research.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/biology-degree-science

FAB N100
mnsadvising@asu.edu
602-543-3000

Biology (Environmental Science), BS (ASLSCEBS)

Campus: West, ASU@Lake Havasu

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BS program in biology with a concentration in environmental science emphasizes experiential learning with courses that include required laboratories. By learning in an integrative environment that underscores the connectedness of these disciplines, students gain a better understanding of larger scientific concepts and they view these concepts from multiple perspectives.

Students pursuing this concentration take a set of courses that focus more on environmental science than those pursuing a Bachelor of Science in biology. While the emphasis is on science, students learn to approach environmental science from an interdisciplinary perspective, in part by studying environmental ethics and policy.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCEBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities for graduates of this program include employment in environmental policy, management or leadership positions in federal and state agencies, local municipality planning offices, private consulting firms, and nongovernmental and nonprofit organizations. Graduates of the program are also well qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/environmental-science-degree
FAB N100
mnsadvising@asu.edu
602-543-3000

Biology (Pharmacology/Toxicology), BS (ASLSCPBS)

Campus: West

Program Description:
The pharmacology and toxicology concentration of the BS program in biology provides an emphasis in the biochemical, molecular and physiological components of chemical and body interactions.

The degree program emphasizes experiential learning, and all required core courses have laboratories. By learning in an integrative environment that emphasizes the connectedness of the disciplines, students gain a better understanding of larger scientific concepts and they can view these concepts from multiple perspectives. To have a thorough understanding of the interactions of chemicals in the biological system, students study both biology and chemistry and become familiar with chemical interactions at physiological, molecular and cellular levels.

Undergraduates have the opportunity to conduct independent research under the mentorship of faculty members or in internships outside the school.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCPBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students gain valuable, resume-building experience by studying abroad. With over 250 programs available, study abroad allows students to tailor their educational experience to their unique interests and skill sets. Students pursuing the pharmacology and toxicology concentration can expand their knowledge of how science impacts society in a variety of cultures and gain the global skills and knowledge they need to be able to lead in a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for occupations such as:

- risk assessor
- laboratory researcher
- pharmacist
- physician
- physician's assistant
- veterinarian

Graduates may work in governmental agencies or private companies in areas such as:

- clinical trials
- product safety evaluation
- regulatory affairs
- teaching

Graduates are also prepared for entry-level employment in the growing field of environmental toxicology as well as for graduate or professional programs in pharmacology and toxicology.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/biology-pharmacologytoxicology
FAB N100
mnsadvising@asu.edu
602-543-3000

Biotechnology and Bioenterprise, BS (ASBITEBS)

Campus: West

Program Description:
The BS program in biotechnology and bioenterprise provides students with essential transdisciplinary and practical experience in biotechnology research. Students acquire the associated business and entrepreneurship skills needed for developing and marketing biotechnological innovations and solutions to problems that face the biotechnology and health sciences communities in Arizona, the nation and beyond.

The program emphasizes coursework in the biological, biomolecular and biotechnological sciences, which are key components that underpin biotechnology. Students may tailor the degree to their specific interests and aspirations through focus areas in biotechnology, bioentrepreneurship and biostatistics. The program is unique due to its focus on blending biotechnology and entrepreneurship.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: First math varies depending on the focus area chosen.
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBITEBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students gain valuable experience in diverse settings. Students deepen their understanding of biotechnology and bioenterprise by enhancing their knowledge of research methods across the globe and through exposure to global startups and how countries approach entrepreneurship. Those who study abroad gain heightened skills in communication, critical thinking and leadership that enhance their resumes and can give them a competitive edge in their chosen career field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program are prepared for such careers as:

- bioentrepreneur
- cell biologist
- clinical trials manager
- educator
- laboratory researcher
- microbiologist
- patent agent
- portfolio manager
- project manager
- regulatory affairs manager

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/biotechnology-and-bioenterprise
FAB N100
mnsadvising@asu.edu
602-543-3000

Communication, BA (ASCOMMBA)

Campus: West, ASU@Lake Havasu

Program Description:
The BA program in communication is a broad-based program that trains individuals to speak and write competently, manage relationships well, problem-solve effectively and understand the role and function of communication in public forums, organizational settings, relational exchanges and intercultural situations.

The curriculum provides an extensive understanding of the practical, theoretical and professional distinctions of today's field of communication. Utilizing the nationally recognized CommLabASU, students perform in-depth study of what contributes to and detracts from effective human communication, recognizing that the art of communication is far more nuanced than simple speaking and writing prowess.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Communication students gain intercultural experience through tailored study abroad programs. Students improve language and cross-cultural skills

for effective communication, develop critical teamwork and problem-solving skills and expand their knowledge of the liberal arts through lenses of different cultures. There are opportunities for study across the globe, including in Spain, Australia, the United Kingdom and a semester at sea. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bachelor of Arts in communication prepares students for careers in social media and technology, global communication, public relations and strategic communications, risk and crisis communication, communication training and mentoring, sport communication and communication philosophy. Because communication skills are crucial to many professions, graduates work in a variety of fields, including:

- customer service and customer relations
- health and human services
- human resources
- lobbying
- management
- marketing
- media and public relations
- mediation
- social media design and implementation
- training and development

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/communication-degree-ba
FAB N100
sbsadvising@asu.edu
602-543-3000

Communication, BS (ASCOMMBS)

Campus: West, ASU@Lake Havasu

Program Description:
The communication program prepares students to do far more than give a speech or two in front of their peers. It provides an extensive understanding of the practical, theoretical and professional distinctions of today's field of communication and equips students with the skills they need to convey complex ideas clearly and effectively through both the spoken and written word.

In the nationally recognized CommLabASU, this program trains and prepares students for in-depth study into what contributes to and detracts from effective human communication, recognizing that the art of communication is far more nuanced than simple speaking and writing prowess.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Communication students gain intercultural experience through tailored study abroad programs. Students improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills and expand their knowledge of the liberal arts through lenses of different cultures. There are opportunities for study across the globe, including in Spain, Australia, the United Kingdom and a semester at sea. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates are trained in effective communication skills, are able to speak and write well, can convey complex ideas effectively, and are able to perform various forms of data analysis, communication assessment and technical reporting. They are prepared for employment in communication-intensive fields and for further graduate study in the social sciences, law, humanities and management. Graduates work in communications-intensive fields such as:

- advertising
- community education
- corporate communications
- crisis management
- customer service and customer relations
- health communication
- human resources management
- media and public relations
- new media
- social media
- training and development

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/communication-degree
FAB N100
sbsadvising@asu.edu
602-543-3000

Computational Forensics, BS (ASCPFBS)

Campus: West

Program Description:
The BS program in computational forensics is a multidisciplinary degree program that encompasses areas of physical, biological and social sciences with an additional focus on statistics and computation.

Students investigate specific forensic problems using statistics, computing and mathematics with the main goal of advancing their forensic science knowledge and capabilities. They study and develop the quantitative and computational methods that assist basic and applied research efforts in forensic science, establish or prove scientific basis in investigative procedures and support forensic examiner casework. Through modeling, computer simulations and computer-based analysis and recognition, students gain an in-depth understanding of the forensic science discipline, the scientific method and the systematic approach to forensic science.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCPFBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Computational forensic students can study abroad and gain skills employers demand, skills like leadership, communication and critical thinking. Students can earn credits in their major while broadening their horizons immersed in another culture. With over 250 programs worldwide, students can study in Canada, Australia, India and many other countries. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The demand for forensic scientists is increasing according to the U.S. Bureau of Labor Statistics. With computation and statistics driving many technological advances, this interdisciplinary degree program prepares students for employment in a range of jobs or to continue on to advanced study of quantitative programs in graduate school.

Contact Information:
Interdisciplinary Arts and Sciences, New College of

School of Mathematical and Natural Sciences
https://newcollege.asu.edu/computational-forensics
FAB N100
MNSadvising@asu.edu
602-543-3000

Conflict Resolution, BA (ASCNRBA)

Campus: West

Program Description:
The BA program in conflict resolution introduces students to theories and practices that enable them to understand, address and transform conflict while dealing with challenges both at the micro and macro levels in professional and cross-cultural contexts and in individual and collective interactions.

Taking an interdisciplinary approach while being grounded in communication, graduates of the program are ready to pursue further education or careers in several diverse areas.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCNRBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who study conflict resolution abroad gain cultural competency and an expanded worldview, enabling them to resolve issues not only within the work place but also within international partnerships. This enhanced education and skill set can help with job acquisition.

With over 250 programs in more than 65 countries, opportunities exist for study abroad nearly anywhere students want to go.
https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates have great career prospects in business, education, government, nongovernmental agencies, law, health care advocacy, public and government administration, mediation and advocacy.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/conflict-resolution-degree
FAB N100
sbsadvising@asu.edu
602-543-3000

Disability Studies, BA (ASDISASBA)

Campus: West, Online

Program Description:
Disability is a basic feature of human diversity. In fact, people with disabilities form the largest minority group in the United States, making up approximately a quarter of our population. Since the turn of the twenty-first century, disability studies has become an increasingly prominent academic field, providing students with a multifaceted understanding of the social, cultural, political and economic dimensions of disability.

The BA program in disability studies prepares students to make a positive impact on society. Students learn to confront the marginalization of people with disabilities and to acquire skills in research, advocacy and policy-making that are increasingly important in a range of professions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-disability-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASDISASBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students deepen their understanding of the diversity and complexity of the world when studying abroad. Study abroad provides a unique opportunity for students to add cultural knowledge to their studies on disability. When studying abroad, students expand their scope of learning and gain personal and professional experience beyond the comfort zone of their home country. With over 250 programs in more than 65 countries, opportunities exist nearly anywhere students want to go. More information is available on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates from this program find career opportunities in many fields, such as the arts, business, civil service, counseling, education, government, health care, law, and social work, as well as with community and nongovernmental organizations.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/disability-studies
FAB N100
HArCSadvising@asu.edu
602-543-3000

English, BA (ASENGBA)

Campus: West

Program Description:
The BA in English degree program at the New College engages the social, environmental and political challenges of the day and helps students prepare for 21st century jobs. Courses in writing, literature, rhetoric, film and culture recreate traditional approaches to the study of English by engaging today's central issues and questions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad broadens students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an expanded lens of dialects, literature and terminology in one of over 250 study abroad programs. Students who study abroad gain heightened cultural competency and communication and critical thinking skills, which enhance their educational experience and their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for graduate study programs including education, creative writing, literary history and rhetoric and composition public policy; for professional training in law, business, teaching and public policy; and for careers in marketing, public relations, government, diplomacy and community work, among others. Majors, minors and those enrolled in the writing certificate program prepare for the many professions in which problem-solving, creativity, research strengths, writing, interpersonal and digital skills are necessary and valued.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/english-degree
FAB N100
harcsadvising@asu.edu
602-543-3000

English (Secondary Education), BA (ASENGSEBA)

Campus: West

Program Description:
The BA program in English with a concentration in secondary education provides rigorous content in literature, composition, linguistics and secondary teaching, extensively preparing students to meet the needs of all student populations, including attention to levels of student academic performance and cultural and linguistic diversity.

The demand for teachers in Arizona is high. Students complete their teaching internship in school districts in the greater Phoenix area or for one of the 22 Native American nations in Arizona.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGSEBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that shape the students in their classrooms. Secondary education concentration students can enhance their English degree with a study abroad program, in which they can gain firsthand experience of a wide range of cultures and communities. Programs can be found in locations as diverse as Brazil, Finland and a semester at sea. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the program earn Arizona Department of Education certification for middle and high school English language arts and are prepared for careers as secondary school teachers.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/english-secondary-education-degree
FAB N100

harcsadvising@asu.edu
602-543-3000

Environmental Science, BA (ASENVBA)

Campus: West, ASU@Lake Havasu

Program Description:
The study of human impact on the earth's ecosystems and resources has become increasingly important over the past 20 years. The BA program in environmental science is dedicated to preparing graduates who will be able to find solutions to today's critical environmental challenges posed by pollution and climate change.

This degree program is founded on established environmental basics, ensuring that students are well-versed in biological study including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems. The world-renowned faculty conduct research across the globe and engage students in the process of creating new scientific knowledge that, in turn, impacts a rapidly changing world. Rounding out student preparation, the program includes a focus on the management and communication skills necessary in various environmentally-specific careers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Environmental and Resource Management (Water Management), MS
Environmental and Resource Management, MS
Social Justice and Human Rights, MA
Social Technologies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The natural world is complex and diverse, changing quickly from one biome to the next. Not only is the physical environment varied across the globe, so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience. There are opportunities across the globe, including a summer of travel across New Zealand and a semester in Costa Rica. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities for graduates of this program include employment in environmental policy, management or leadership positions in federal and state agencies, local municipality planning offices, private consulting firms, and nongovernmental and nonprofit organizations. Graduates of the program are also well qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/environmental-science
FAB N100
mnsadvising@asu.edu
602-543-3000

Environmental Science, BS (ASENVBS)

Campus: West, ASU@Lake Havasu

Program Description:
The BS program in environmental science is dedicated to finding solutions to the challenges posed by climate change.

The study of human impact on the earth's ecosystems and resources has become increasingly important over the past 20 years. This degree program is founded on established environmental basics, ensuring that students are well-versed in biological study including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems. Rounding out student preparation, the degree includes a focus on the management and communication skills necessary in various environmentally-specific careers.

The Bachelor of Science in environmental science prepares students to become graduates who will find innovative and sustainable solutions to today's critical environmental challenges, including pollution and climate change. The world-renown faculty conduct research across the globe and engage students in the process of creating new scientific knowledge that, in turn, will impact a rapidly changing world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
or MAT 210 Brief Calculus or MAT 270 Calculus with Analytic Geometry I
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Environmental and Resource Management (Water Management), MS
Environmental and Resource Management, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The natural world is complex and diverse, changing quickly from one biome to the next. Not only is the physical environment varied across the globe, so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience. There are opportunities across the globe, including a summer trekking across New Zealand and a semester in Costa Rica. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities for graduates of this program include employment in federal and state agencies (such as the U.S. Bureau of Land Management, U.S. Environmental Protection Agency, U.S. Forest Service, etc.), private consulting firms and nongovernmental and nonprofit organizations. Graduates of the program are also well-qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/environmental-science
FAB N100
mnsadvising@asu.edu
602-543-3000

Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)

Campus: West

Program Description:
The exploratory applied computing, mathematics and technology track provides students with the opportunity to explore a variety of majors related to applied computing, mathematics and technology professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students the opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: Y
Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra
or MAT 170 Precalculus or MAT 210 Brief Calculus or MAT 251 Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry 1
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACMTEXPL~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring applied computing, mathematics and technology on the global scale can be beneficial to students in narrowing down their focus of study. While taking various general education courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/programs/exploratory-applied-computing-mathematics-and-technology
FAB N100
mnsadvising@asu.edu
602-543-3000

Exploratory Health and Life Sciences, (ASHSCIEXPL)

Campus: West

Program Description:
The exploratory health and life sciences track provides students with the academic opportunities and resources they need in order to explore a variety of majors related to health and life science professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students an opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
or MAT 170 Precalculus or MAT 210 Brief Calculus or MAT 251 Calculus for Life Sciences or MAT 270 Calculus w/Analytic Geometry I
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHSCIEXPL~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring health and life sciences on the global scale can be beneficial to students in narrowing down their focus of study. While taking various general education courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/programs/exploratory-health-and-life-sciences
FAB N100
mnsadvising@asu.edu
602-543-3000

Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)

Campus: West

Program Description:
The exploratory humanities, fine arts and design track provides students with the academic opportunities to explore a variety of majors related to humanities, fine arts and design professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students an opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N
Second Language Requirement: N
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 credit hours while they are an exploratory student.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHUFAEXPL~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring humanities, fine arts and design on the global scale can be beneficial to students in narrowing down their focus of study. While taking various general education courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/programs/exploratory-humanities-fine-arts-and-design
FAB N100
harcsadvising@asu.edu
602-543-3000

Exploratory Social and Behavioral Sciences, (ASSBSEXPL)

Campus: West

Program Description:
The exploratory social and behavioral sciences program provides students with the academic opportunities and resources needed for exploring a

variety of majors related to careers in the social sciences.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide an opportunity to discover the options available at ASU and students are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N
Second Language Requirement: N
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSEXPL~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring social and behavioral sciences on the global scale can be beneficial to students in narrowing down their focus of study. While taking various general education courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/programs/exploratory-social-and-behavioral-sciences
FAB N100
sbsadvising@asu.edu
602-543-3000

Forensic Science, BS (ASFOREBS)

Campus: West, Online

Program Description:
Forensic science is the study and application of scientific methods to matters of law.

The BS program in forensic science at ASU is built on a solid foundation in both biology and chemistry, which develop basic and upper-level laboratory skills. Students complete holistic, rigorous coursework in the natural and mathematical sciences to adequately prepare them for entering a competitive workforce. The interdisciplinary nature of the program is uniquely positioned to train students in forensic techniques ranging from crime scene collection, evidence analysis and mock courtroom testimony.

Along with completing coursework and gaining the necessary scientific skills to succeed in this field, students have the opportunity to gain practical experience in a laboratory setting by being involved in research or an internship. Students can conduct research under experts of varying forensic fields including biology, entomology and anthropology. Students also may seek to apply for and participate in forensic science internships sponsored by crime labs around the country. Internships are highly competitive.

Job applicants and students seeking a volunteer or internship position within a crime lab are required to undergo an extensive background check that includes a polygraph exam, fingerprinting and drug testing. Actions that can disqualify an applicant include recent or past illicit drug use (including marijuana), felony convictions and drunk driving convictions.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/forensic-science-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASFOREBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can learn about science and law enforcement in other countries through study abroad. Being immersed in another culture broadens horizons and develops professional skills such as cross-cultural communication and critical thinking. Opportunities for studying abroad include

faculty-led summer programs in Italy and England. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Scientific and technological advances in the field of forensic science as well as continually increasing caseloads in law enforcement are projected to increase the number of forensic science technicians needed over the next decade. The U.S. Bureau of Labor Statistics estimates that between 2016 and 2026, employment of forensic science technicians will increase 17%, an average increase much greater than in most occupations.

Forensic science program graduates are prepared to enter the workforce with crime labs and private forensic science labs at the local, state and federal levels. Graduates also are prepared for graduate programs in forensic science, law school, medical school and related fields.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/forensics-science-degree
FAB N100
mnsadvising@asu.edu
602-543-3000

Gender, Women and Sexuality Studies, BS (ASWSTBS)

Campus: West

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Program Description:
The BS in gender, women and sexuality studies is an interdisciplinary academic program that examines the cultural and social construction of gender; explores the history, experiences and contributions of women to society; and studies the influences of gender at a micro and macro level.

Consistent with the university's design imperatives of social embeddedness and use-inspired research, the program's course offerings, research initiatives and cocurricular programs further the understanding of women and gender and promote social justice. Students gain a solid knowledge base and educational foundation as well as the critical thinking skills necessary for dealing with changing gender roles in society.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.

Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASWSTBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can explore the impact of culture, race, religion and law on gender norms and equality through one of over 250 unique study abroad experiences. Study abroad programs offer global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for further study in graduate or professional programs as well as for careers in a variety of settings, including health care services, human resources development, public and business administration and social services.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/women-and-gender-studies
FAB N100
harcsadvising@asu.edu
602-543-3000

History, BA (ASHISBA)

Campus: West

Program Description:
The BA program in history introduces students to a broad span of history that covers the ancient world through the modern period and extends from Europe to Latin America and the United States.

In addition to learning about the origins and development of various peoples, ideas and institutions of the past, students engage in the practice of history by learning to conduct research, analyze historical evidence and formulate arguments using historiographical perspectives and methodological approaches.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad provides students studying history a great opportunity for visiting historical sites all over the world. Students gain a better understanding of the history of other regions when living in the areas and seeing the marks the past has left behind. History students can pursue opportunities to hear firsthand from locals living in different regions and to experience different perspectives on the past. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program are prepared for graduate study, for professional degree programs and for careers in which critical thinking, research and writing skills are highly valued, such as journalism, editing, law and civil service.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/history-studies-degree
FAB N100
harcsadvising@asu.edu
602-543-3000

History (Secondary Education), BA (ASHISSEBA)

Campus: West

Program Description:
The flexible BA program in history with a concentration in secondary education fully prepares students considering a career in education for

teaching and certification and provides all the disciplinary knowledge of a traditional history degree. Students understand history in all its breadth and depth while developing strong critical reading, writing and research skills as well as skills in oral presentation.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISSEBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad is a great opportunity for students studying history who wish to eventually become educators of the subject. Students can gain a better understanding of the past by studying the history of a place while living there. History students can hear narratives from locals in different regions of the world and experience a different perspective of the past, both of which can be present when educating their own students in their future classrooms. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates possess the strong, practical teaching tools necessary to successfully teach middle or high school students. With the ability to find and evaluate evidence, form arguments and present analysis, graduates are well suited for careers in a wide range of industries and fields of work, and they have a solid foundation for graduate work in teaching, law, business and many other fields.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/history-secondary-education-degree
FAB N100
harcsadvising@asu.edu
602-543-3000

Interdisciplinary Arts and Performance, BA (ASIAPBA)

Campus: West, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:
The BA program in interdisciplinary arts and performance has been celebrated in the most recent Oxford Handbook of Interdisciplinarity as the leading academic program in defining the interdisciplinary arts. Throughout the curriculum, emphasis is that interdisciplinary arts be outwardly and continually inclusive, expanding, evolving and innovative, which allows students the ability to shape their own creative pathways.

Students in both the online and immersion programs engage with nationally and internationally known faculty in collaborative investigation of many artistic disciplines in preparation for the complex and changing world through current approaches to aesthetic innovation.

Students in this major engage in practical and theoretical studies of visual, sonic, performance, game and interactive arts to become versatile artists.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIAPBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Performance and art transcend the boundaries of language and culture. Through unique study abroad experiences, interdisciplinary arts and performance students are able to deepen their understanding of their field and gain a global lens on the influence of culture on their art. Students can achieve heightened cultural competency, communication and critical thinking skills in any of the over 250 study abroad programs available. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the interdisciplinary arts and performance program have received extensive preparation for advanced education or careers as artists, performers and creative professionals. They have a solid foundation on which to pursue their dream in their chosen creative field. With skill sets that prepare them for professional and entrepreneurial opportunities, graduates tap into evolving professions and the expanding field of art practice.

Since 1992, graduates of the Bachelor of Arts program in interdisciplinary arts and performance have gone on to many different occupations, such as:

- art administrator
- arts writer, scholar and critic
- composer and sound artist
- digital designer
- film and video editor
- recording artist
- theatre artist
- video and board game designer
- videographer
- visual artist in multiple mediums

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/interdisciplinary-arts-and-performance
FAB N100
harcsadvising@asu.edu
602-543-3000

Interdisciplinary Arts and Sciences, BA (ASIASBA)

Campus: West

Program Description:
Today's employment landscape is evolving into one that prizes expertise in an increasing number of specialized fields. The BA program in interdisciplinary arts and sciences allows students to build a flexible, customized degree that is unique to their specific career goals. For example, a business degree with an emphasis in communications can lead to employment opportunities that aren't as easily accessed by a traditional business degree alone.

By providing the opportunity to combine disciplines, the college equips students with the specialized education they need to reach their individual career goals.

This degree program culminates in a capstone internship experience that provides a real-world perspective, skills, and connections, creating versatile graduates and attractive job applicants for the corporate world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIASBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad allows students to gain valuable, unforgettable experiences that will enhance their resumes. With over 250 study abroad programs, students are able to tailor their experience to their personal goals and skill sets. Students in the interdisciplinary arts and sciences program gain heightened cultural competency, communication and critical thinking skills by studying abroad --- skills that prepare them to lead in a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Students tailor their programs to meet individualized career goals by emphasizing interdisciplinary study combined with a specific area of

concentration (e.g., business, communication studies, English, gerontology, history, psychology or preprofessional studies). The capstone internship prepares students to make the transition smoothly to graduate school or postbaccalaureate employment in:

- business settings
- community settings
- cultural settings
- educational settings
- social sciences and human service settings

Students who plan to pursue graduate or professional degrees in law, business, helping professions or in traditional disciplines benefit from the flexibility of this program that prepares them for a broad range of future academic and career pursuits.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/interdisciplinary-arts-and-sciences-degree
FAB N100
harcsadvising@asu.edu
602-543-3000

Latin American Studies, BA (ASLASBA)

Campus: West

Program Description:
The BA program in Latin American studies offers a learner-driven model in which the student's specific interests are deepened through the study of Latin America cultures, histories, politics and linguistic expressions. It is interdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America.

This degree program encourages cross-cultural exploration, preparing students for a global-minded career path.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Global Management, MGM
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)

Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLASBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad is a great way for Latin American studies students to learn firsthand about the culture, language and food of their area of study. When studying in a Latin American country, students are able to immerse themselves in the culture to gain a greater understanding of these countries and the people living in them and to acquire heightened cultural competency, communication and critical thinking skills for their future careers. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for further study in graduate or professional schools and in dual-language environments, including:

- arts and arts administration
- business and finance
- counseling
- diplomacy
- education
- journalism
- ministry
- nonprofit organizations and advocacy
- public policy
- technology

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/latin-american-studies-degree
FAB N100
harcsadvising@asu.edu
602-543-3000

Pharmacology and Toxicology, BS (ASPTXBS)

Campus: West

Program Description:
Students in the BS program in pharmacology and toxicology study how foreign materials react with human bodies. To have a thorough understanding of the interactions of chemicals in the biological system, students in the program study both biology and chemistry, and they become familiar with chemical interactions at physiological, molecular and cellular levels.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus

or MAT 251 Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPTXBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when they study abroad, experience that enhances their resume. With over 250 programs available, students can tailor their educational experience to their unique interests and skill sets. Pharmacology and toxicology students are able to expand their knowledge of how science impacts society in a variety of cultures. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
With a heavy focus on experiential learning within the laboratory, graduates of the pharmacology and toxicology degree program are better prepared to obtain careers in diverse areas such as government, industry, health care and business. The pharmacology and toxicology degree program prepares students for a number of career paths including:

- environmental risk assessor or consultant
- laboratory researcher
- pharmacist
- physician
- physician's assistant
- toxicologist
- veterinarian

Graduates also may work at governmental agencies or at private companies in areas such as:

- Arizona Department of Environmental Quality
- city government

- clinical trials
- Environmental Protection Agency
- product safety evaluation
- regulatory affairs
- teaching

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/pharmacology-and-toxicology
FAB N100
mnsadvising@asu.edu
602-543-3000

Philosophy, Religion and Society, BA (ASRELBA)

Campus: West

Program Description:
The BA program in philosophy, religion and society comprises historical, theoretical and practical perspectives on philosophy, religion and social ethics, and it emphasizes social and political concerns by putting the studies of philosophy and religion into action.

This interdisciplinary degree program offers three areas of concentration: applied ethics, continental philosophy and religious studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
English, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASRELBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Philosophy, religion and society and are the backbone of any culture. When studying abroad, students can gain a firsthand perspective of the power of philosophy and religion in societies and can deepen their understanding of the human experience in diverse cultures around the globe. With over 250 programs offered, students can tailor their experience to fit their specific goals and skill sets. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for graduate study or employment in the fields explored through their required internships, including business, criminal justice, politics, education, government, human resources, law enforcement, law, media, medicine, religious organizations and social services.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/philosophy-religion-and-society-degree
FAB N100
harcsadvising@asu.edu
602-543-3000

Political Science, BA (ASPOLBA)

Campus: West, ASU@Lake Havasu

Program Description:
Political science is the study of governmental practices, politics and theories. Coursework in the BA program in political science covers American institutions, international relations, political theory and world affairs.

The program helps students gain a basic understanding of the assumptions underlying political science, conduct meaningful research, and formulate arguments. In addition to coursework, students learn through internships, service-learning and research opportunities.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPOLBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can experience firsthand, through study abroad, the diverse political and social powers affecting communities around the globe. Students in political science can enhance their learning by gaining a global perspective on political theory and world affairs. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Programs exist in diverse countries, such as those ruled by communist and monarchical regimes. More information on available programs can be found on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The political science program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal government. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or other professional schools or as basis for further study in such fields as:

- community development
- political science
- public administration
- public policy
- social science disciplines
- urban affairs and urban and regional planning

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/political-science-degree-ba
FAB N100
sbsadvising@asu.edu
602-543-3000

Political Science, BS (ASPOLBS)

Campus: West

Program Description:

The School of Social and Behavioral Sciences offers a BS in political science in the New College of Interdisciplinary Arts and Sciences.

Political science is the study of governmental practices, politics and theories. Coursework in the political science program covers American institutions, international relations, political theory and world affairs. This program helps students gain a basic understanding of the assumptions underlying political science and to develop the necessary research skills for analyzing complex sociopolitical issues. In addition to coursework, students learn through internships, service-learning and research opportunities.

The Bachelor of Science degree differs from the BA degree in that it requires an additional statistics course and a methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPOLBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can experience firsthand, through study abroad, the diverse political and social powers affecting communities around the globe. Students in political science can enhance their learning by gaining a global perspective on political theory and world affairs. With over 250 programs available, studying abroad allows students to tailor their experience to their unique interests and skill sets. Programs exist in diverse countries, such

as those ruled by communist and monarchical regimes. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The political science curriculum provides a solid background for employment in a relevant profession and prepares students for graduate work in:

- political science
- professional schools
- social science disciplines
- urban planning

The program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal governments. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local governments or local community groups on both sides of the border. Many students use the degree as a gateway to law school or basis for further study in such applied fields as:

- community development
- public administration
- public policy
- urban affairs
- urban and regional planning

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/political-science-degree-bs
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology, BA (ASPGSBA)

Campus: West, ASU@Lake Havasu, Online

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Program Description:
Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and more. It also crosses over into other disciplines such as medicine, law, business and economics.

This BA program in psychology --- emphasizing critical thinking and reasoning, quantitative research methods and writing --- goes beyond the classroom, adding practical experiences through internships, service-learning and faculty-supervised research. (Some opportunities are not available to students enrolled in the degree offered through ASU Online.)

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA
Psychology, MS
Social Justice and Human Rights, MA
Social Technologies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad allows students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Opportunities exist worldwide, including in Singapore, Australia and Ireland. More information is available on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
A degree in psychology prepares graduates for a career in:

- government (sales and marketing, human resources management)
- industry
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- health
- legal
- physiological
- social

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/psychology-degree-ba
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology, BS (ASPGSBS)

Campus: West, ASU@Lake Havasu, Online

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Program Description:
Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and crosses into other disciplines such as medicine, law, business and economics.

Emphasizing critical thinking and reasoning, and quantitative research methods and writing, this BS program in psychology goes beyond the classroom with practical experiences through internships, service-learning and faculty-supervised research. (Some opportunities are not available to students enrolled in the degree offered through ASU Online.)

The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires additional lab coursework and advanced statistical training, providing a greater depth of knowledge in the biological and neuroscientific aspects of psychology that are increasingly important both for research and for clinical practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA
Psychology, MS

Social Justice and Human Rights, MA
Social Technologies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad allows students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Opportunities exist worldwide, including in Singapore, Australia and Ireland. More information is available on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates are prepared for careers in:

- government (sales and marketing, human resources management)
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/psychology-degree
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology (Forensic Psychology), BA (ASPGSFPBA)

Campus: West, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:
Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the BA program in psychology combines general training in psychology with specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making.

When courts are faced with cases in which a psychology-related question arises, they may turn to psychologists for help with the case. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or in determining whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

This program teaches students about the various roles for psychologists in the legal system and helps them discover which roles they might like to pursue through careers in mental health, criminal justice or through graduate training.

The Bachelor of Arts degree differs from the BS degree in that it does not require two additional lab science courses.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematicsor MAT 170 Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology-forensic-psychology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSFPBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Through study abroad, students in the psychology program will acquire enhanced knowledge and experience that will enable them to stand out in many career fields. Students are exposed to unique differences in the human condition, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Opportunities exist worldwide, including in Singapore, Australia and Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bachelor of Arts program in psychology with a concentration in forensic psychology prepares students for careers in the criminal justice and mental health fields. Many careers in psychology require graduate training, and this program is also designed to prepare students for master's degree and doctoral programs in legal, clinical and forensic psychology.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/forensic-psychology-ba
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology (Forensic Psychology), BS (ASPGSFPBS)

Campus: West, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:
Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the BS program in psychology combines general training in psychology with specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders and legal decision-making.

When courts are faced with cases in which a psychology-related question arises, they may turn to psychologists and ask for help with the case. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

This program teaches students about the various roles of psychologists in the legal system and helps them discover which roles they might like to pursue through careers in mental health, criminal justice or through graduate training.

The Bachelor of Science degree differs from the BA degree in that it requires additional lab coursework and advanced statistical training. The Bachelor of Science program provides a greater depth of knowledge in the biological and neuroscientific aspects of psychology that are becoming increasingly important both for research and clinical forensic practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who

select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology-forensic-psychology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSFPBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Through study abroad, students in the psychology program acquire enhanced knowledge and experience that enables them to stand out in many career fields. Students are exposed to unique differences in the human condition, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Opportunities exist worldwide, including in Singapore, Australia and Ireland. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bachelor of Science degree program in psychology with a concentration in forensic psychology prepares students for careers in the criminal

justice and mental health fields. The advanced statistical training further prepares students for careers and graduate training involving psychological research, clinical research and legal policy research. Many careers in psychology require graduate training, and this program also is designed to prepare students for master's degree and doctoral programs in legal, clinical and forensic psychology.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/forensic-psychology-bs
FAB N100
sbsadvising@asu.edu
602-543-3000

Social Justice and Human Rights, BA (ASJHRBA)

Campus: West, Online

Program Description:
The BA program in social justice and human rights at ASU's New College of Interdisciplinary Arts and Sciences spans both the social sciences and the humanities to prepare students to meet the challenges of 21st century issues of social justice and protection of human rights in local, national, international and global contexts.

Coursework prepares students to serve as advocates for alleviating political, economic and social inequality. The degree program introduces students to principles and practices of everyday humanitarianism, multimedia advocacy and theories and practices of social justice and human rights.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/social-justice-and-human-rights-ba/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASJHRBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students are able to deepen their understanding of global human rights through study abroad. With over 250 programs available, study abroad allows students to tailor their educational experience to their unique interests and skill sets. Students can explore the influence of culture, law, race and religion on a global scale in order to prepare them to make an impact for social justice and human rights. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with this degree are employable in a variety of settings, including refugee resettlement agencies; agencies and shelters supporting survivors of domestic abuse; shelters for migrants, especially for unaccompanied minors; disaster relief agencies; organizations assisting survivors of sex trafficking and human labor trafficking; and agencies assisting veterans. Career opportunities include:

- charitable fundraiser (e.g., Nina M. Pulliam Charitable Trust staff)
- grant writer
- humanitarian aid worker (e.g., U.N. High Commissioner for Human Rights aid worker, Oxfam aid worker)
- human rights lawyer
- international governmental organization professional (e.g., United Nations staff)
- investigative journalist
- lobbyist for human rights and social justice causes
- nongovernmental organization professional (e.g., Amnesty International professional)
- nonprofit agency manager (e.g., Special Olympics Arizona, international manager)
- public policy researcher

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/social-justice-and-human-rights
FAB N100
sbsadvising@asu.edu
602-543-3000

Social and Behavioral Sciences, BA (ASSBSBA)

Campus: West

Program Description:
The curriculum of the BA program in social and behavioral sciences provides an understanding of assumptions underlying the social and behavioral sciences, develops students' research skills for analysis of complex social issues, offers a flexible program tailored to the career goals of the individual student, and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students with the requisite background that enables them to better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who

select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring social and behavioral sciences on the global scale can be beneficial to students in providing understanding of assumptions made about individuals and society. Students studying abroad can develop research skills from firsthand experiences inside and outside of the classroom, using them to analyze complex social issues that affect themselves and those around them domestically and internationally. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The interdisciplinary degree is an excellent option that matches the individual's interests and fulfills many employers' expectations of a bachelor's degree, namely that it should expose the student to a variety of outlooks and challenges.

Such a degree is competitive in most situations in which the disciplinary social and behavioral degrees are accepted, and it is advantageous when seeking entry to broad professional programs such as regional planning or urban studies.

This degree program provides a solid background in social sciences and methodologies that prepares students for graduate work in community

development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science disciplines, and urban studies or planning.

Other careers include:

- advocate (e.g., immigration, children's, victim's)
- community developer
- human relations officer
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social services case worker
- statistical analyst
- urban planner

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/social-and-behavioral-sciences-degree-ba
FAB N100
sbsadvising@asu.edu
602-543-3000

Social and Behavioral Sciences, BS (ASSBSBS)

Campus: West

Program Description:
The curriculum of the BS program in social and behavioral sciences provides an understanding of assumptions underlying the social and behavioral sciences, enables students to develop research skills necessary for analysis of complex social issues, offers a flexible program tailored to the career goals of the individual student, and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students with the requisite background that enables them to better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions (e.g., community, culture, family and society).

The Bachelor of Science degree differs from the BA degree in that it has a stronger focus on the use of statistics.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring social and behavioral sciences on the global scale can be beneficial to students by providing understanding of assumptions made about individuals and society. Students studying abroad can develop research skills from firsthand experiences inside and outside of the classroom, using them to analyze complex social issues that affect themselves and those around them domestically and internationally. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The interdisciplinary degree is an excellent option that matches the individual's interests and fulfills many employers' expectations of a bachelor's degree, namely that it should expose the student to a variety of outlooks and challenges.

Such a degree is competitive in most situations in which the disciplinary social and behavioral degrees are accepted, and it is advantageous when seeking entry to broad professional programs such as regional planning or urban studies.

The degree program also provides a solid background in social sciences and methodologies that prepares students for graduate work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science disciplines, and urban studies or planning.

Possible careers include:

- advocate (e.g., immigration, children's, victim's)
- community developer
- human relations officer
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social services case worker
- statistical analyst
- urban planner

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/social-and-behavioral-sciences-degree
FAB N100
sbsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (American Studies), BA (ASSCAASBA)

Campus: West

Program Description:
The BA program in social and cultural analysis with a concentration in American studies engages in the transdisciplinary and comparative study of the United States as a cultural and political site of ongoing change and conflict.

Students learn diverse methods of analyzing nationalist politics, public and private cultural practices, transnationalism and the nation-making processes of migration, in keeping with the creative and critical scholarship of the discipline. The curriculum also brings attention to identity formations around gender, sexuality, race and ethnicity.

As a transdisciplinary field, American studies unites the social sciences, the humanities and the arts to stimulate students into engaging in rigorous and adventurous conversations about American culture, politics and history. Students explore knowledge beyond disciplinary boundaries by bringing differing perspectives and understandings into dialogue with one another and generating a unique level of intellectual rigor and excitement.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAASBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can learn to put the United States in a global context through a faculty-directed study abroad program that explores culture, borders and politics. Executing cross-cultural communication develops career skills that are in demand by employers. Students can stay on track academically by earning ASU credit for completed courses in one of over 250 programs available. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations
- the Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/social-and-cultural-analysis-american-studies
FAB N100
harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)

Campus: West

Program Description:
The BA program in social and cultural analysis with a concentration in ethnicity, race and Indigenous studies combines transdisciplinary topics and methods to critically analyze relationships among individuals, groups, institutions, governments, economies and environments.

The program enriches the study of individual racialized and Indigenous groups by drawing upon theories, methods and pedagogies in ethnicity, race and Indigenous studies while engaging complementary fields of literature, history, sociology, oral history, sexuality, queer studies, social justice and transnational and cultural studies. Coursework grounds the students in a deep understanding of the particular historical, social, economic, cultural and political experiences of individual racialized groups as well as in an analysis of the relationships among them.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAERBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Ethnicity and race are at the core of culture --- impacting everything from societal structure to religious norms. Studying abroad allows students to deepen their understanding of global ethnicities through firsthand experience. Students can explore the impact of culture, religion and law on the world's diverse ethnic environments through one of over 250 unique study abroad experiences in countries such as Israel and England. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nongovernmental organizations
- the Peace Corps
- political action groups
- research organizations
- social service agencies

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/social-and-cultural-analysis-ethnicity-race-and-indigenous-studies

FAB N100
harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)

Campus: West

Program Description:
The BA in social and cultural analysis with a concentration in Latin American studies provides a broad and vibrant framework for studying the diverse societies of Latin America, including diasporic communities, and it presents rich opportunities for cross-cultural study. The program is designed to provide a transdisciplinary approach to the literature, film, history, politics and culture of both Latin America and Latinas and Latinos living in the United States.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCALABA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With programs across Latin America, study abroad students have the opportunity to immerse themselves in the very cultures they are studying.

Students deepen their understanding of and can gain a greater appreciation for Latin American cultures through studying abroad, all while enhancing their resumes with heightened cultural competency, critical thinking and communication skills. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in public service, education, business, humanitarian work, law or health care.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nongovernmental organizations
- the Peace Corps
- political action groups
- research organizations
- social service agencies

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/social-and-cultural-analysis-latin-american-studies
FAB N100
harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)

Campus: West

Program Description:
The BA program in social and cultural analysis with a concentration in peace studies is a unique, transdisciplinary offering that fosters a critical investigation of peace. It does so primarily through a humanities lens, but not exclusively, and it provides an analysis of peace in connection with issues such as gender, ethnicity, race and religion.

Students learn many perspectives on peace and approaches to it, including theories and practices of peace building, nonviolence, and conflict avoidance and resolution. The program builds on the expertise of faculty in the humanities and social sciences in fields such as history, linguistics, literature, ethics, philosophy, sociology, ethnic studies, and women and gender studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAPSBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can observe the impacts of peace and war on cultures and communities across the globe. Study abroad, with over 250 unique study abroad experiences, allows students of peace studies to deepen their understanding of global peace through exploration of the impact of culture, race, religion and law on peace-building. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
There is a growing concern for peace building within social and political institutions. As a consequence, numerous jobs now exist in peace-related sectors.

Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations. Knowledge gained can be applied toward professional and personal advancement in education, writing, policy, law, cross-cultural communication, ethics and work with nongovernmental organizations.

Due to the emphasis on the social aspects of peace, diversity and identity, students develop an awareness of the needs of diverse populations and the discourses that help create a culture of peace, enabling them as graduates to apply their knowledge to areas as diverse as the following:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nongovernmental organizations
- the Peace Corps
- political action groups
- research organizations
- social service agencies

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/social-and-cultural-analysis-peace-studies
FAB N100

harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)

Campus: West

Program Description:
The BA program in social and cultural analysis with a concentration in queer and sexuality studies combines transdisciplinary topics and methods to critically analyze the function of ideologies of sexuality, the history and present conditions of sexual identity formation, structural inequalities and queer resistance to those same inequalities and the diversity of LGBTQ communities.

Drawing from the premise that sex, gender and sexual orientation are both private experiences as well as profoundly political and public issues with important legal, social and cultural implications, the intellectual core of this program draws from theories, methods and pedagogies in queer theory and sexuality studies while engaging complementary fields of social justice, cultural studies, women's studies, gender studies, literature, history, sociology, psychology and transnational studies. Areas of emphasis include sexuality in culture, transnational queer studies, queer social movements and resistance, sexual fluidity, trans studies and critical heterosexualities.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAQSBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Stigmas against sexualities are being broken down and challenged in societies across the globe. Studying abroad in countries such as Israel and England allows students to deepen their understanding of global LGBTQ treatment through firsthand experience. Students can explore the impact of culture, race, religion and law on equality through one of over 250 unique study abroad experiences. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Due to the emphasis on culture and identity, the program cultivates respect for and sensitivity to diverse populations; graduates of the program are prepared with the skills and knowledge necessary for graduate work as well as for careers in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nongovernmental organizations
- the Peace Corps
- political action groups
- research organizations
- social service agencies

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/social-and-cultural-analysis-queer-and-sexuality-studies
FAB N100
harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)

Campus: West

Program Description:
The BA program in social and cultural analysis with a concentration in women and gender studies offers students a transdisciplinary curriculum that focuses on the diverse experiences of women in both national and international contexts. The program also examines the meaning of gender as a socially constructed category that shapes personal identities, beliefs, opportunities and behaviors.

The wide range of classes explores the intersections of gender, race, class and sexuality; the institutional structures that have an impact on women's and men's lives; and the broad range of feminist theories that seek to explain and influence women's status in society. Areas of emphasis include gender and sexuality, critical race feminisms, gender and the borderlands, transnational feminisms, social activism and social movements, histories of feminism and critical embodiment studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAWSBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can explore the impact of culture, race, religion and law on gender norms and equality through one of over 250 unique study abroad experiences. Study abroad programs offer a global perspective and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for careers in advocacy, politics and community-facing corporate roles or to continue to graduate studies programs.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nongovernmental organizations
- the Peace Corps
- political action groups
- research organizations
- social service agencies

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/social-and-cultural-analysis-women-and-gender-studies
FAB N100
harcsadvising@asu.edu
602-543-3000

Sociology, BA (ASSOCBA)

Campus: West, ASU@Lake Havasu

Program Description:
Sociology is the study of the organization and development of societies and the institutions within them. The sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups.

The program explores the theories, practices and policies underlying the issues of social change, inequality and diversity. This BA program in sociology provides training in important research skills used to describe, interpret and evaluate evidence across diverse settings important in the economy.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them develop the research skills necessary for the analysis of complex social issues.

The Bachelor of Arts differs from the BS in that it does not require an additional methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students are able to enhance their understanding of societal structure and human interaction through a global lens by studying abroad, and programs with unique cultural experiences can be found around the world. Students can gain heightened cultural competency and communication and critical thinking skills while exploring a new and exciting part of the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools.

Graduates apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- social services
- the criminal justice system
- the health professions

Coursework in sociology provides a valuable preparation for careers in:

- journalism
- law
- nonprofit sector
- politics
- public administration
- public relations

These are all fields that involve investigative skills and an ability to work with diverse groups. Graduates with an advanced degree in sociology may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocate
- research analysts
- statisticians
- survey researchers
- urban planners

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/sociology-degree-ba
FAB N100
sbsadvising@asu.edu
602-543-3000

Sociology, BS (ASSOCBS)

Campus: West

Program Description:
Sociology is the study of the organization and development of societies and the institutions within them.

The BS in sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups. They explore the theories, practices and policies underlying the issues of social change, inequality and diversity. This sociology program provides training in the important research skills used to describe, interpret and evaluate evidence across diverse settings important in the economy.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them

develop the research skills necessary for the analysis of complex social issues.

The Bachelor of Science differs from the Bachelor of Arts degree in that it requires an additional methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA
Global Management, MGM
Interdisciplinary Studies, MA
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students are able to enhance their understanding of societal structure and human interaction through a global lens when studying abroad. Programs with unique cultural experiences can be found in many countries of the world, and students can gain heightened cultural competency and communication and critical thinking skills while exploring a new and exciting part of the globe. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools.

Graduates apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- social services
- the criminal justice system
- the health professions
- the nonprofit sector

Graduates receive valuable preparation for careers in:

- journalism
- politics
- public administration
- public relations

Graduates with an advanced degree in sociology and who have the investigative skills and ability to work with diverse groups may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocates
- research analysts
- statisticians
- survey researchers
- urban planners

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/sociology-degree
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602-543-3000

Spanish, BA (ASSPABA)

Campus: West

Program Description:
The BA program in Spanish emphasizes language studies and examines the cultural production of Spanish-speaking communities, in Spanish.

This program provides students with the skills to communicate confidently in both a written and oral form. Students learn the history, arts, literature and cultures of Spanish-speaking countries. Graduates are prepared for graduate study, specialized professional training, government careers and commercial and international careers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: N
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSPABA~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad enhances students' understanding of the diversity of the world and the way in which knowledge of such diversity makes each person a better human being and citizen. Students are able to study in programs that provide immersion into Spanish-speaking cultures with a diverse array of individual and group experiences. Program opportunities are available throughout Spain and Latin America.
https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Spanish program offers excellent preparation for graduate school or for employment as a teacher in the elementary or secondary school system, especially in those districts where bilingual programs are integral to the curricula. Outside the education system, students majoring in Spanish find employment as translators and interpreters in:

- diplomatic corps
- federal and state courts
- law enforcement agencies
- law firms
- social agencies

The business world also provides employment for those fluent in Spanish. This is especially true in the American Southwest, with its proximity to Mexico and through outlets opened by multinational trade agreements.

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Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/spanish-degree
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harcsadvising@asu.edu
602-543-3000

Statistics, BS (ASSTABS)

Campus: West

Program Description:
Almost every industry in the modern economy relies on the collection and analysis of data. The BS program in statistics prepares students to meet the demands of the ever-growing data analysis field and is a launching pad for a statistics-driven career.

Through innovative research opportunities and internships with Phoenix-area corporations, including PING, students build a solid foundation of mathematics and computing, helping them grasp a thorough understanding of both theoretical and practical statistics. This background prepares students for careers in many fields.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSTABS~null + &college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Statistics majors are able to gain hands-on experience in programs in a variety of countries around the world.

Graduates with the heightened cultural competency and the leadership and critical thinking skills they achieved through study abroad may stand out

in any competitive field. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
In the era of big data, there is great demand for individuals with all levels of statistical training. Graduates of this program have an understanding of the transdisciplinary nature of statistics and are prepared for graduate study in statistics and related areas or for entry-level positions in a variety of fields, including business, government, the natural and social sciences, engineering, health care and more.

Statisticians are in high demand in many areas of industry, government and academia. Some areas with particularly high demand include:

- finance
- manufacturing
- medical
- pharmaceutical

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/statistics-degree
FAB N100
mnsadvising@asu.edu
602-543-3000

Journalism and Mass Communication, Walter Cronkite School of

Digital Audiences, BS (CSDIGABS)

Campus: Downtown Phoenix, Online

Program Description:
Virtually all companies and organizations are looking for professionals who know how to grow and engage audiences online. The BS program in digital audiences prepares students to reach audiences strategically with digital content and to demonstrate measurable growth. The program features unique, high-value courses covering paid social media campaigns, search engine optimization, audience engagement and digital analytics.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-audiences-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSDIGABS~null + &college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As different companies and organizations seek to influence more people around the world, understanding unique cultural perspectives is key. Study abroad exposes students to unique perspectives, opinions and audiences that consume digital content. In preparation for a 21st century career, students should look for programs that utilize experiential learning with organizations like social media companies or PR firms in countries like Japan and the UK where millions consume digital content every day. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Professionals with expertise in digital content strategy are in high demand across sectors and industries. Among the many career opportunities available are positions such as digital strategists, social media managers, public relations specialists, engagement managers, digital news editors, political campaign strategists, digital marketers, community organizers and corporate branding specialists.

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Digital Media Literacy, BA (CSDMLBA)

Campus: Online

Program Description:
Organizations of all sizes, public and private, are learning to cope with unprecedented change in how people interact with and use information. The BA program in digital media literacy prepares students to be at the forefront of the important strategic and ethical issues related to digital media, including automation, verification, security and privacy.

Graduates of the program are able to use cutting-edge tools and tactics to analyze the context of the media people consume. They are able to verify and interpret information to make decisions that improve their own lives and that benefit the larger society.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-media-literacy/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSDMLBA~null + &college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program pursue a variety of professional and educational opportunities. The program's liberal arts foundation --- including critical thinking, communication, research and problem solving --- gives students the intellectual agility to thrive in many fields. Specialization in the technical, ethical, legal, social and economic aspects of digital media is especially valuable, as employers of all sizes try to leverage digital media in serving consumers.

"Everyone's job is changing," Brookings Institution senior fellow Mark Muro told Education Week (2018) after publication of Digitalization and the American Workforce. "The ability to read and then conduct first-order analysis of digital information is highly valued in almost all work environments."

As organizations try to keep up with digital transformation and plan for the future, having a deep understanding of how digital ecosystems work will be critical. Demand for graduates of digital media literacy in fields such as health care communication, public service and sustainability is anticipated to rise, and the U.S. Department of Labor categorizes many jobs in these areas as having a bright outlook in the job market.

Given increasing emphasis on teaching media literacy at every age level, graduates can expect to find employment opportunities in a variety of educational settings, and some students may pursue graduate school in disciplines such as education, library science, law, public policy, business, public relations, digital strategy and journalism.

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Journalism and Mass Communication, BA (CSJMCBA)

Campus: Downtown Phoenix

Program Description:
The BA program in journalism and mass communication at ASU's Walter Cronkite School of Journalism and Mass Communication, widely regarded as one of the nation's premier journalism schools, is a highly professional, hands-on degree program that prepares students for careers in media and communications.

Through access to a world-class faculty of veteran and current journalists, and with prestigious internships and hands-on learning opportunities, undergraduate students learn the values and principles that have long formed the core of the journalism profession, and they master the highly specialized, practical skills needed to succeed in today's digital world.

Topics of study can include unique courses in digital media, broadcast news, innovation and entrepreneurship, audience engagement, social media, public relations and Spanish-language news. The Cronkite School's full-immersion professional programs afford students the opportunity to gain experience in activities like hosting the evening news on Arizona PBS and creating digital advertising campaigns.

High-performing students can apply to the school's accelerated bachelor's degree and master's degree program, which allows for the completion of both degrees in as few as four years. They also can become part of ASU's Barrett, The Honors College.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any MAT course that satisfies the math requirement
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Digital Audience Strategy, MS
Master of Mass Communication, MMC
Sports Journalism, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
Transfer students (classified as those with 12 or more transfer credit hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies.

Transfer students with 24 or more transferable credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher.

Transfer students should contact the school for additional steps after admission to ASU.

For more information regarding transfer admission, students should visit https://cronkite.asu.edu/degree-programs/admissions/transfer-students (https://cronkite.asu.edu/degree-programs/admissions/transfer-students).

Change of Major Requirements:
ASU students who would like to change their major to journalism and mass communication must have a minimum cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements. The course MCO

120 Media and Society, an introductory course for nonmajors, can count in place of JMC 110 Principles and History of Journalism.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSJMCBA~null + &college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As the world grows more connected, an understanding of other cultures and places is imperative. Studying abroad exposes students to diverse opinions, new and challenging situations, and opportunities to explore a new country.

Journalism students are offered highly specialized programs that provide the classes and experiences they need, whether covering the Olympics or spending an entire semester abroad. An international experience on a resume can help a candidate stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for a wide assortment of careers with the hands-on training they received in the program as well as in real, professional newsroom experiences.

Popular industries include:

- corporate and business communication
- digital media
- international news
- news writing and reporting
- radio
- podcasting
- technology
- social media
- videography and photography

Graduates are competitive candidates for many roles, including these:

- audience engagement specialist
- copy editor
- director
- magazine writer
- news anchor
- news reporter
- producer
- radio and podcast host
- videographer

Contact Information:
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Mass Communication and Media Studies, BA (CSMCMSTBA)

Campus: Online

Program Description:

The BA in mass communication and media studies gives students a deep and nuanced understanding of the growing importance, power and influence of media around the world.

The program explores global mass communication issues from all dimensions: societal, cultural, historical, political, economic, technological and legal. Students learn how to critically analyze media from news to sports to pop culture, and apply that understanding to the world around them.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-mass-communication-and-media-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSMCMSTBA~null + &college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As the world grows more connected, an understanding of other cultures and places is imperative. Study abroad helps students to understand how different cultures and the media actors that originate from those cultures interact and influence. Real-world experience in programs that observe and analyze international media, news culture and journalism prepare students for 21st century careers where they will need to articulate and utilize knowledge of multicultural communication styles. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A sophisticated understanding of mass communication is a critical asset for careers in business, government, community and the nonprofit sectors.

Graduates have varied career opportunities, such as with:

- education institutions
- government entities
- political parties
- professional organizations
- publishing companies
- writing firms

Graduates also are prepared to pursue graduate studies in fields such as law, medicine, the arts, education and journalism.

Contact Information:
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Sports Journalism, BA (CSSPJBA)

Campus: Downtown Phoenix

Program Description:
Sports journalism is one of the fastest-growing sectors of the news media industry, with continued growth on all platforms: multimedia outlets, broadcast and cable channels and networks, radio and podcasting and team, league and conferences websites and social media platforms.

The Walter Cronkite School of Journalism and Mass Communication's BA program in sports journalism gives students unparalleled preparation for careers in sports media and communications through courses such as sports writing, sports photography, sports strategic communications, broadcast sports reporting, live sports production, play-by-play, and ethics and diversity in sports.

During the sports journalism degree program, students complete a variety of professional experiences. Internship partners include professional sports teams, Arizona State University athletics; local, regional and national sports media outlets like ESPN, Bally Sports, Fox Sports, the Pac-12 Networks and more. Sports journalism students also participate in the school's sports bureaus in Phoenix or Los Angeles for a semester. Cronkite sports journalism students cover teams and events in the NFL, MLB, NBA, WNBA, NHL, NASCAR, PGA, LPGA and Division I athletics out of these fully operational digital sports newsrooms in Phoenix and Los Angeles, producing content for local and national media outlets.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any MAT course that satisfies the math requirement
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Master of Mass Communication, MMC

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
Transfer students with 12 or more transfer credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies. Transfer students should contact the school for additional steps after admission to ASU.

Transfer students with 24 or more transferable credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher. Transfer students should contact the school for additional steps after admission to ASU.

More information regarding transfer admission is available at https://cronkite.asu.edu/degree-programs/admissions/transfer-students (https://cronkite.asu.edu/degree-programs/admissions/transfer-students).

Change of Major Requirements:
ASU students who would like to change their majors to sports journalism must have at least a cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements. MCO 120, an introductory course for nonmajors, can count in place of JMC 110.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSSPJBA~null + &college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Sports and sports fans create one of the most globalized industries that connects everyone through a passion for their favorite team, athlete or game. Study abroad programs can help shed light on how amazing stories of triumph and defeat are captured on video, photo or in media. Students can apply real-world skills and learn about international sports firsthand by covering regional teams or large-scale sporting events like the Olympics. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the sports journalism degree program are prepared for careers in all aspects of the media including digital, print, broadcast, radio, online and mobile. Positions include sports writers, reporters, producers, television anchors, multimedia associates, social media specialists, and strategic communications and public relations project coordinators.

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csspjba/
CRONK 302
attendcronkite@asu.edu
602-496-5555

Liberal Arts and Sciences, The College of

Actuarial Science, BS (LAACTBS)

Campus: Tempe

Program Description:
Actuarial science students learn to use tools from mathematics, statistics and finance to measure the impact of risk in order to improve forecasting and decision-making.

The BS degree program in actuarial science provides students with the preparation necessary for the required professional actuarial credentialing exams offered by the Society of Actuaries and the Casualty Actuarial Society.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Actuarial Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Current ASU students wishing to change their major to actuarial science should have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"), have completed at least MAT 265 or MAT 270 and CIS 105 (or CSE 100 or CSE 110), and have earned a "B" grade or better in all critical classes they have already completed.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAACTBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students are able to enhance their resumes with the heightened cultural competency, leadership, critical thinking skills and valuable experience they acquire through study abroad.

With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Some examples of student experiences abroad in this area include a summer in Colombia and a semester in Ireland. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Risk is a part of daily life and wherever there is risk, there are opportunities for actuarial intervention. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to ensure an organization's financial health and to ensure organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants.

Graduates with a BS in actuarial science possess skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy, such as utilities, oil and gas
- environment (on issues such as climate change and the financial impact or risk of extreme events)
- financial services, such as banking and investment management
- government agencies such as Social Security, the Department of Labor and Medicare (to manage social programs and to develop regulations and legislation)
- insurance companies
- retirement and pensions
- transportation, such as shipping and air travel

Students can also apply the advanced problem-solving skills learned in the actuarial science undergraduate program to a variety of other professional careers, including:

- analysts
- business operations specialists
- consultants
- teachers

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR 208
math@asu.edu
480-965-7195

African and African American Studies, BA (LAAFRBA)

Campus: Tempe, Online

Program Description:
The African and African American studies program at ASU has assembled a dynamic faculty engaged in investigating the riveting complexities of Africa.

Trained in a variety of disciplines that include anthropology, health, history, journalism, literature, sociology, political science and women's studies, the faculty guide students as they examine a wide array of critical issues facing African-descended peoples across the stages of life at various times and places in history.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/african-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAFRBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Conduct independent research exploring critical issues in and to the African diaspora.

Global Opportunities:
Global Experience:
Studying abroad allows students to experience a very different cultural environment. Students can grow outside of their comfort zone as they learn more about the world through the lens of the African diaspora in places like Cape Town, South Africa; Meknes, Morocco; or even a semester at sea, stopping at various locations throughout the world. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in African and African American studies: https://goglobal.asu.edu/students/major/sst/african-african-american-studies (https://goglobal.asu.edu/students/major/sst/african-african-american-studies).

Career Opportunities:
Because of its emphasis on various social aspects and groups, the African and African American studies program provides students with practical applications useful for various workplaces. This program helps students develop cultural sensitivity and prepares them for careers in:

- administration
- advertising
- business
- counseling
- education

- health care
- human resources
- international relations
- journalism
- justice
- law

Graduates are prepared for work in many arenas; some examples:

- business --- corporations, hotel chains, public relations firms, sales departments, the insurance industry, travel agencies
- civic --- civil rights organizations, nonprofit organizations, social service agencies, the Peace Corps
- education --- colleges and universities, museums, research organizations
- government --- law firms, political action groups

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

American Indian Studies, BS (LAAISBS)

Campus: Tempe

Program Description:
The BS program in American Indian studies provides students with unique opportunities to evaluate issues of American Indian nations within domestic and international contexts.

The American Indian studies program is committed to broadening the knowledge of students interested in the histories, languages, cultures, arts and contemporary situations of American Indian nations and peoples, and it encompasses legal, policy, community and economic development as well as arts, languages and culture.

The program is designed to protect the integrity and identity of the Indigenous populations of North America and to create a learning environment conducive to critical and creative thought.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Indian Studies (Indigenous Rights and Social Justice), MS
American Indian Studies (Tribal Leadership and Governance), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)

Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAISBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Through study abroad, students can connect with Indigenous cultures around the world and expand the lens through which they view North American Indigenous populations. They can learn alongside peers from other countries and develop professional skills that include teamwork and cross-cultural communication. Students can stay on track academically by completing courses while they are in one of over study abroad 250 programs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the American Indian studies program are qualified to fill positions at the tribal, state and federal government levels and in the private sector. They can pursue professional careers in fields such as government service or public service. For example, federally and tribally operated schools located in remote areas within Indian Country have high turnover rates for both teachers and staff. American Indian studies graduates should be available to help fill these positions. Furthermore, the federal government, a major employer on many reservations across the country, is in need of qualified people who are knowledgeable in Indian cultures, laws and policies. Additionally, many American Indian nations' economies and infrastructures are developing at a rapid pace, and they are in continuous need to fill mid-management and management-level positions.

Graduates find positions in many areas, such as:

- community action work
- public administration (tribal or state relations, nonprofit management, education administration, planner)
- public health
- the arts
- tribal employment (political office, tribal management, cultural resource programming, grant writer, cultural specialist, youth services)

This program also provides suitable preparation for the advancement to graduate study or law school.

Contact Information:
Liberal Arts and Sciences, The College of
American Indian Studies Program
https://americanindian.asu.edu/degree/undergrad/bs-american-indian-studies
DISCVRY 356
AIS@asu.edu
480-965-3634

American Studies, BA (LAAMRSTBA)

Campus: Tempe

Program Description:
The BA program in American studies bridges multiple disciplinary approaches to explore the diverse cultures, global impact, social systems, gendered experiences, socioeconomic realities and political thought of the United States. The field of American studies centers an understanding of diversity in U.S. society; understanding of how the U.S. national community represents and imagines itself; understanding of how this resonates globally; and understanding the role of social movements seeking to achieve political, legal and economic change.

The program trains students in the history and trajectory of the field of American studies; explorations of racial literacy, gender, sexuality and socioeconomic experiences grounded in historical contexts that help in understanding contemporary U.S. populations; critical methodologies, including how alternative voices are key in research, politics and policy, and social justice work; applied research methods, particularly those that

involve community involvement and engagement; and the use of storytelling and narratives to represent diverse communities and facilitate broader understanding across groups.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit the college's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Y
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAMRSTBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for careers in policy, education and teaching, urban planning, sustainability, socio-political movements, environmental impacts, advocacy, nonprofit organizations, government, journalism, law and justice, public safety and health. This degree program is also well-suited to be paired with other professional degrees that prepare students for these careers.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Anthropology, BA (LAASBBA)

Campus: Tempe, Online

Program Description:
Anthropology is the study of what it means to be human, in the broadest possible terms.

The program helps students recognize and solve problems facing the contemporary world through a broad understanding of humanity. Working alongside leading faculty, students gain experience as apprentices on research projects. Students also have opportunities for hands-on learning through study abroad programs and field schools.

The interdisciplinary program offers training in the main areas of anthropology, including archaeology, bioarchaeology, sociocultural anthropology and evolutionary anthropology.

Students enrolled in this program may not pursue a concurrent degree with the Bachelor of Science in anthropology or the Bachelor of Arts in global health, but they may add a minor in global health to complement the core curriculum. The BA in anthropology is primarily for those whose interests lie in society, culture and archaeology, while the BS is primarily taken by students interested in science and mathematics-based courses.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Health, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-anthropology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASBBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad can be crucial in helping students gain a clearer view of the world, its peoples and the complex challenges that exist for all. There are numerous faculty-directed study abroad programs designed to connect students with real-life issues that impact local communities yet transect borders. Whether studying environmental and health issues in Australia or investigating ancient cultures in France, students can see the world and gain hands-on experience to prepare for a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in anthropology: https://goglobal.asu.edu/students/major/anthropology (https://goglobal.asu.edu/students/major/anthropology).

Career Opportunities:
Graduates have the knowledge and skills they need to find jobs in fields where understanding complex human behavior is important. Anthropologists work in public, nonprofit and consulting roles and in private business where their knowledge of human interactions is critical for success.

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret complex problems and work effectively across cultures and languages. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, the hallmarks of anthropology.

Career opportunities include:

- acting as legal advocates for displaced communities like refugees in international cases
- analyzing and proposing policies
- conducting postgraduate academic research or teaching
- consulting for private and public organizations
- curating cultural resources
- health system administration or health care professionals
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- planning pandemic and other disaster response

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Anthropology, BS (LAASBBS)

Campus: Tempe, Online

Program Description:
A BS in anthropology provides training in data collection, analysis and research design within the scientific approaches to anthropology.

Students learn how to use the scientific method to formulate and test hypotheses and how to gather data through such methods as field surveys, excavation and measurement. They also learn how to employ statistics to analyze and extract meaning from data. Through broad anthropological coursework, students learn to ask important questions about the human species and gain the tools to answer them. The interdisciplinary program offers training in the main areas of anthropology, including archaeology, bioarcheology, sociocultural anthropology and evolutionary anthropology.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate

degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Health, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-anthropology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASBBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad gives students a clearer view of the world, its people and the complex challenges they face. Whether studying environmental and health issues in Australia or investigating ancient cultures in France, students can see the world and gain hands-on experience that prepares them for a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in anthropology: https://goglobal.asu.edu/students/major/anthropology (https://goglobal.asu.edu/students/major/anthropology).

Career Opportunities:
The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in scientific modes of anthropology increasingly are sought for the combination of their broad, holistic knowledge and perspective and their technical skills.

Some career opportunities include:

- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for large and small private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- forensics
- genetics and other laboratory-based positions
- managing cultural resources in public and private sectors
- modeling infectious diseases
- providing health care as nurses, doctors, or public health professionals
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Applied Mathematics for the Life and Social Sciences, BS (LAAMLBS)

Campus: Tempe

Program Description:
The BS in applied mathematics for the life and social sciences is unlike any other math program. It offers a novel approach to investigating, integrating and solving problems in the physical, life and social sciences in such topics as mass violence, contagion, wildlife-human interactions and the transmission of behaviors through influence.

Degree seekers in this program are immersed in the use of mathematical theory, modeling and computational methods while collaborating with and contributing to diverse fields such as anthropology, global health and environmental social science.

The insights and skills gained allow graduates to confidently create accurate, versatile and practical answers desperately needed in order to improve or remedy real-life issues.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.

Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAMLBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying applied mathematics can gain valuable experience through study abroad opportunities that enhance their overall college experience and prepare them for careers upon graduation. The wide range of faculty-directed study abroad programs are designed to connect students with real life issues that impact local communities yet transect borders.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in applied mathematics for life and social science: https://goglobal.asu.edu/students/major/applied-mathematics (https://goglobal.asu.edu/students/major/applied-mathematics).

Career Opportunities:
Graduates of the program possess the quantitative, scientific and analytical skills that are critical for professionals working in the environmental, life, health, mathematical and social science fields. Nationally recognized experts ensure program graduates are well equipped for prestigious career paths in government, medicine, technology, security or other fields requiring rigorous data analysis, with an insight into human behavior.

The need for scientists and professionals quantitatively trained in the life and social sciences is strong in Arizona and the nation. This degree's applied use of mathematics, modeling, statistics and simulation methodologies are in high demand and provide excellent training for future academics and professionals in industries including:

- bioinformatics
- computational sciences
- ecology
- genomics
- data mining
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Asia Studies (East Asia), BA (LAHSTEABA)

Campus: Tempe

Program Description:
The BA program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent concentration of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools that enable them to address contemporary political, social and cultural issues in Asia and apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on East Asia includes coursework on China, Japan, Korea and Taiwan.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTEABA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students have the opportunity to immerse themselves in the cultures they are studying, through study abroad programs available throughout East Asia. Students can deepen their understanding of East Asian history and culture, and the heightened cultural competency, adaptability, critical thinking and communication skills they acquire will enhance their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Asia studies with a concentration in East Asia: https://goglobal.asu.edu/students/major/shprs/asia-studies (https://goglobal.asu.edu/students/major/shprs/asia-studies).

Career Opportunities:
People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade and international organizations
- food security
- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military studies
- technology transfer
- transportation and tourism

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Asia Studies (South Asia), BA (LAHSTSABA)

Campus: Tempe

Program Description:
The BA program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines.

The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and enables them to apply valuable knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on South Asia includes coursework covering Bangladesh, India, Pakistan and other South Asian states and societies.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSABA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students have the opportunity to immerse themselves in the very cultures they are studying through study abroad programs, available throughout southern Asia. Students can deepen their understanding of South Asian history, religion and culture while enhancing their resumes with heightened cultural competency, adaptability, critical thinking and communication skills. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Asia studies with a concentration in South Asia: https://goglobal.asu.edu/students/major/shprs/asia-studies (https://goglobal.asu.edu/students/major/shprs/asia-studies).

Career Opportunities:
People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade, and international organizations
- food security
- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military
- technology transfer
- transportation and tourism

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Asia Studies (Southeast Asia), BA (LAHSTSEABA)

Campus: Tempe

Program Description:
The BA program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on Southeast Asia includes coursework covering:

- Brunei
- Burma/Myanmar
- Cambodia
- East Timor
- Indonesia
- Laos
- Malaysia
- Singapore
- Thailand
- the Philippines
- Vietnam

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSEABA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students have the opportunity to immerse themselves in the very cultures they are studying, through study abroad programs available throughout Southeast Asia. They can deepen their understanding of Southeast Asian history, philosophy and culture, and the heightened cultural competency, adaptability, critical thinking and communication skills they acquire through study abroad will enhance their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Asia studies with a concentration in Southeast Asia: https://goglobal.asu.edu/students/major/shprs/asia-studies (https://goglobal.asu.edu/students/major/shprs/asia-studies).

Career Opportunities:
People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade, and international organizations
- food security
- higher education
- humanitarian service and philanthropy

- intelligence
- law and law enforcement
- military studies
- technology transfer
- transportation and tourism

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Asian Languages (Chinese), BA (LACHIBA)

Campus: Tempe

Program Description:
The BA program in Asian languages with a concentration in Chinese emphasizes proficiency in reading, writing and speaking Mandarin and in reading classical Chinese.

Students gain an in-depth understanding of the fundamentals of the rich Chinese cultural tradition, centered on primary Chinese texts (these are in Chinese and in English translation) from the literary, intellectual and religious cultures of Chinese-speaking societies. These texts include visual and written materials on a variety of topics, including:

- history
- linguistics
- literary theory
- media
- philosophy
- religion
- urban culture

Highly-motivated students interested in learning Chinese to professional-level proficiency are encouraged to inquire about the Chinese Language Flagship Program: https://silc.asu.edu/chineseflagship (https://silc.asu.edu/chineseflagship). All students with higher levels of linguistic competency may enroll in targeted courses (they are conducted in Chinese) offered as part of the Chinese flagship track.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent degrees or a second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHIBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad is vital when learning the Chinese language. Immersing oneself in the second most spoken language in the world adds value to the degree, and having a thorough understanding of Chinese cultural elements prepares graduates to take off in an exciting, multicultural career with valuable skills employers seek, like heightened cultural competency, adaptability, critical thinking and communication skills.
https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive professions include:

- foreign correspondent or media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields in which speaking multiple languages is a benefit include:

- advertising, marketing and communications
- airline industry
- film, television or multimedia
- foreign correspondence and journalism
- hospitality industry
- intelligence
- international education and study abroad administration
- international law
- public relations
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures

https://silc.asu.edu/degree/undergrad/ba-asian-languages-chinese
DH 131
silcadvising@asu.edu
480-965-6281

Asian Languages (Japanese), BA (LAJPNBA)

Campus: Tempe

Program Description:
Students in the BA program in Asian languages with a concentration in Japanese study the language, literature and culture of Japan and gain a respectable measure of competence in reading, writing, and oral and aural skills in the Japanese language. Students also gain linguistic and cultural competence through the required study of classical Japanese.

In addition, ASU offers summer or yearlong programs to study abroad in Japan. More information on study abroad opportunities is available at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJPNBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad is vital when learning the Japanese language. Immersing oneself in the language and culture adds value to the degree and prepares students to take off in an exciting, multicultural career with valuable skills employers seek, like heightened cultural competency, adaptability, critical thinking and communication skills. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Japanese: https://goglobal.asu.edu/students/major/SILC/japanesee (https://goglobal.asu.edu/students/major/SILC/japanesee).

Career Opportunities:
Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- intelligence officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- intelligence
- international education and study abroad administration
- international law
- lifestyle management
- public relations
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-asian-languages-japanese
DH 131
silcadvising@asu.edu
480-965-6281

Asian Pacific American Studies, BA (LAAPABA)

Campus: Tempe

Program Description:
The BA program in Asian Pacific American studies prepares students to address issues of justice, equity and access at the intersections of citizenship, race and ethnicity, gender and sexuality, and class and culture, and to identify actions and solutions based in community experiences and community-based research across multiple disciplines.

The program educates students in social justice, the global causes and impacts of Asian and Pacific Islander migration, relational and comparative racial formations, and ethnic studies movements that have made and continue to make a difference in society for all people.

Students have the opportunity to work with a dedicated faculty committed to community-engaged research and student-centered learning. Interdisciplinary faculty members have expertise in critical ethnic studies, diaspora and globalization, U.S imperialism and settler colonialism, social networks, immigration, interracial and interethnic relations, and the health and well-being of Asian Pacific American families and communities.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Studies, MA
Social and Cultural Pedagogy, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAPABA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Analyze a historical or contemporary issue affecting the AAPI community.
- •Ability to critically discuss and analyze Asian American and Pacific Islander experiences and communities within local, national and global contexts.
- •Demonstrate an understanding of the history of Asian American and Pacific Islander communities in the U.S. through an internship or a research project under the supervision of an ASU faculty member.

Global Opportunities:
Global Experience:
Students in the Asian Pacific American studies program are able enhance their education by studying abroad. Study abroad programs, available in more than 65 countries, including many countries in Asia, allow students to improve their language skills, gain firsthand experience in their field of study and experience new and unique cultures around the world. Students gain a new perspective on international affairs, dispel stereotypes and improve their cultural competency. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

The College of Liberal Arts and Sciences recommends the following study abroad programs, listed on the Global Education website, for students majoring in Asian Pacific American studies: https://goglobal.asu.edu/students/major/sst/asian-pacific-american-studies (https://goglobal.asu.edu/students/major/sst/asian-pacific-american-studies).

Career Opportunities:
Students who complete the bachelor's degree program in Asian Pacific American studies may pursue a graduate degree in law, humanities or

social sciences. Graduates also are prepared to work in positions involving:

- business
- community organizations
- creative arts
- education
- health
- immigration
- journalism
- law
- social work

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Astronomical and Planetary Sciences, BS (LAASTPLSBS)

Campus: Online

Program Description:
The online BS program in astronomical and planetary sciences provides broad training in the scientific foundations required to understand and communicate the fundamentals of space exploration and ongoing advances in the field.

The degree program includes groundwork in mathematics and physical sciences, topical courses focused on diverse fields within astronomy and planetary science, and exposure to the engineering and computational tools and techniques used to carry out research.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/astronomy-bachelors/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASTPLSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career Opportunities:
Graduates pursue careers in fields that value the quantitative, technical skills taught as part of an astronomy education. These include K-12 STEM teaching positions, science and technology journalism and writing careers, and technical careers involving statistical data analysis or computer programming or technical positions supporting space and research industry and policy.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/degree/undergrad/bs-astronomical--planetary-scien
ISTB4 795
SESE-online@asu.edu
480-965-5081

Biochemistry, BA (LABCHBA)

Campus: Tempe, Online

Program Description:
The BA program in biochemistry provides students with a wide array of courses such as basic chemistry, the chemistry of biomolecules, cellular function and liberal arts and languages.

This program is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students wishing to pursue a scientific graduate degree should consider the BS in biochemistry.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 251 - Calculus for Life Sciences
Students may complete MAT 270 Calculus with Analytic Geometry I or MAT 265 Calculus for Engineers I in lieu of MAT 251 Calculus for Life Sciences.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/biochemistry-ba/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students gain valuable experience in a diverse set of programs. Students earn ASU credit for completed courses, while staying on track for graduation.

With their resumes enhanced by the heightened skills in communication, critical thinking and leadership they acquired through the study abroad experiences, graduates stand out competitively in their chosen fields. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program are prepared for careers in a variety of fields, such as medicine and health, chemical and biotechnology industry, pharmaceuticals, environmental and food science, food production, environmental protection, scientific sales and marketing and other forms of public service such as policymaking and teaching, patent law and many other technical areas.

Those with a Bachelor of Arts in biochemistry also are well prepared for application to graduate schools, such as medical, dental and pharmacy.

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/
PSD 104
SMSadvising@asu.edu
480-965-7667

Biochemistry, BS (LABCHBS)

Campus: Tempe, Online

Program Description:
Students in the BS program in biochemistry take courses in a wide array of subjects, such as basic chemistry, the properties and function of

biomolecules and the mechanisms of cellular function and living organisms.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry (Medicinal Chemistry), MS
Global Management, MGM
Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-biochemistry/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad students gain valuable experience in a diverse set of programs in other countries. The study abroad experience helps students

deepen their understanding of biochemical processes and enhance their knowledge of research methods used across the globe. With their resumes enhanced by the heightened skills in communication, critical thinking and leadership they acquired through the study abroad experience, graduates stand out in their competitive fields. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A BS degree in biochemistry is an excellent choice for careers in medicine and health, chemical and biotechnology industries, drug design and pharmaceuticals, new sources of energy and materials, research, government laboratories, environmental and food science, teaching and many other technical areas.

The Bachelor of Science program in biochemistry provides the necessary training for competitive applications to medical, dental, pharmacy and other health-related graduate schools, and to advanced graduate research degree programs in biochemistry.

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/
PSD 104
SMSadvising@asu.edu
480-965-7667

Biochemistry (Medicinal Chemistry), BS (LABCHMBS)

Campus: Tempe, Online

Program Description:
Students in the BS program in biochemistry take courses in areas ranging from basic chemistry, through the properties and function of biomolecules and the mechanisms of cellular function, to living organisms.

With a concentration in medicinal chemistry, students learn how to apply chemical and biochemical thinking to the design and function of medicines. They take classes in advanced organic chemistry and medicinal chemistry and learn the fundamental chemical basics of drug design, synthesis and mechanism of action.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry (Medicinal Chemistry), MS
Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/medicinal-chemistry/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHMBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students gain valuable experience in a diverse set of programs in places such as Hong Kong and Barcelona. Students earn ASU credit for completed courses, while staying on track for graduation. Studying abroad helps students build cultural competency skills as well as heightened skills in communication, critical thinking and leadership that allow them to stand out on their graduate school applications. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A solid undergraduate education in biochemistry provides the necessary background for career paths in chemical, medical, pharmaceutical and biotechnology industries and also for careers in governmental regulation, health care, research and other areas, as well as confer critical skills for pharmacy and medical school.

Students planning careers in medicine, dentistry, pharmacy or veterinary medicine often pursue the medicinal chemistry concentration, with supporting work in biology and chemistry as the route for preprofessional training.

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/
PSD 104
SMSadvising@asu.edu
480-965-7667

Biological Sciences, BS (LABSCBS)

Campus: Tempe, Online

Program Description:
The life sciences involve the study of the basic organization and processes of life (microbes, plants and animals) at scales ranging from molecules to ecosystems and in time from picoseconds to millennia. This includes investigations into how hereditary information is transferred and organisms evolve, the interplay of organisms and their environments, and how these factors interact in health and disease.

Students interested in a degree in life sciences can opt for a BS in biological sciences or choose one of five concentrations:

- biology and society
- biomedical sciences

- conservation biology and ecology
- genetics, cell and developmental biology
- neurobiology, physiology and behavior

This program is available as an accelerated degree program. https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science)

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology (Biology and Society), MS
Biology, MS
Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students are able to engage in community service and outreach all around the world, which can help their graduate and professional program applications stand out. Students experience unique biological environments and gain an understanding of worldwide differences in the human condition. Study abroad programs exist across the globe, including a summer in Panama and a year in Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in biological sciences: https://goglobal.asu.edu/students/major/biological-sciences (https://goglobal.asu.edu/students/major/biological-sciences).

Career Opportunities:
The biological sciences major with no concentration is designed for students who are committed to studying and training in multiple disciplines in biology and for students who want to get more exposure to the life sciences before deciding whether they want to declare a concentration as an undergraduate. Therefore, students in this major take core courses from several concentrations. Students in this major have more flexibility to customize their program of study so they can focus on their own area of interest that may not have a concentration, such as plant biology or genomics.

The biological science major provides an excellent foundation for graduate study as well as preparation for professional schooling in:

- dentistry
- medicine
- pharmacy
- veterinary medicine

Graduates may enter positions in:

- biotechnology
- education
- government
- industry

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/biological-sciences
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Biology and Society), BS (LABSCSBS)

Campus: Tempe, Online

Program Description:
The BS program in biological sciences with a concentration in biology and society focuses on training biology students to understand the social

context of their science and to ask how and why a biological problem has been and should be studied. Students explore the ways in which policy decisions shape and are shaped by biological research and they investigate the meaning and significance of the life sciences in understanding a complex world.

The biology and society curriculum is highly individualized. This unique degree is home to world-class researchers and teachers in diverse fields, including bioscience ethics, history and philosophy of science, science communication, science education and science policy, all brought together under one program. Students have the opportunity to work with many renowned scholars in independent study and research projects.

This program is available as an accelerated degree program: https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology (Biology and Society), MS
Biology, MS
Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/biology-and-society/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students are able to engage in community service and outreach all around the world, which can help their graduate and professional program applications stand out. Students experience unique biological environments and gain an understanding of worldwide differences in the human condition. Study abroad programs exist across the globe, programs such as a summer in Panama and a year in Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in biological sciences with a concentration in biology and society: https://goglobal.asu.edu/students/major/sls/biological-sciences-biology-society (https://goglobal.asu.edu/students/major/sls/biological-sciences-biology-society).

Career Opportunities:
Biology and society students gain the historical, philosophical, political and ethical perspectives needed to explore interactions between the life sciences and related, complex human issues. As a result, the program contributes to better informed and more effective teachers, writers, policymakers, clinicians and researchers in areas related to biology, medicine and society.

As a result of the individualized, skill-based curriculum, biology and society graduates are eligible for a broad range of career options. Most have chosen to pursue professional degrees in medicine, law, public health or public policy, or to pursue graduate study in biology, ethics, education or history and philosophy of science. Graduates enter the workforce, whether in academia, industry, government or clinical practice, with a deep sensitivity to the complexity of biology in society and the skill to navigate that complexity throughout their careers.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/biological-sciences-biology-society
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Biomedical Sciences), BS (LABSCMBS)

Campus: Tempe, Online

Program Description:
The biomedical sciences concentration serves students in the BS program in biological sciences who wish to pursue careers in medicine, other health professions or biomedical research in academic, clinical or industry settings.

The curriculum aligns with the broad scientific competencies recommended for premedical students in a report of the American Medical Colleges and the Howard Hughes Medical Committee and reflected in the 2015 changes to the Medical College Admission Test. Coursework draws from the school's concentration in genetics, cell and developmental biology and the concentration in neurobiology, physiology and behavior, with the addition of courses in biology and in medicine and society. The concentration focuses on chemistry, biochemistry, math and physics coursework that is

necessary to prepare students for the MCAT and for medical school admissions. The concentration emphasizes core concepts, competencies and critical intellectual skills necessary to succeed in medical school or biomedical research.

This program is available as an accelerated degree program. https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science)

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology, MS
Global Management, MGM
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-biomedical-sciences-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCMBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
By studying abroad, students are able to engage in community service and outreach all around the world, which can help their graduate and professional program applications stand out. Students experience unique biological environments and gain an understanding of worldwide differences in the human condition. Study abroad programs exist across the globe, including a summer in Panama and a year in Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following programs for students majoring in biological sciences with a concentration in biomedical sciences: https://goglobal.asu.edu/students/major/sls/biological-sciences-biomedical-sciences (https://goglobal.asu.edu/students/major/sls/biological-sciences-biomedical-sciences).

Career Opportunities:
Graduates are well equipped to enter careers as research scientists or as scientists in the health professions, having met the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields or programs which prepare students to be physician assistants or physical therapists.

Additionally, graduates have an understanding of the process of science, preparing them for a career in research. They have knowledge of foundational concepts in biological sciences, chemistry, physics and statistics and the ability to understand and apply core biomedical concepts. This prepares them for entry into biology research in a vast number of areas, some of which include genetics, genomics, evolution, physiology and immunology.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/biological-sciences-biomedical-sciences
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)

Campus: Tempe, Online

Program Description:
Ecology is the study of the distribution and abundance of organisms, the interactions among organisms, and the interactions between organisms and the physical environment. Conservation biology is an applied science based on ecological principles that focuses on conserving biological diversity and on restoring degraded ecosystems.

Arizona State University is committed to a more sustainable world and sharing knowledge of conservation biology and ecology through the BS program in biological sciences with a concentration in conservation biology and ecology is one critical component to help meet this global challenge.

Conservation biologists at ASU investigate the impact of humans on Earth's biodiversity and develop practical approaches to prevent the extinction of species and promote the sustainable use of biological resources. Some investigate the causes of ecosystem degradation and use ecological principles to reestablish desired conditions in a variety of ecosystems, including rivers, wetlands, grasslands, urban landscapes and forests.

This program is available as an accelerated degree program. https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science)

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology (Biology and Society), MS
Biology, MS
Global Management, MGM
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/conservation-biology-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCCBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students are able to engage in community service and outreach, which can help them stand out in graduate study or a professional career. Students experience unique biological environments and gain an understanding of conservation biology practices worldwide. Study abroad programs exist across the globe, including a summer in Panama and a year in Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in biological sciences with a concentration in conservation biology and ecology https://goglobal.asu.edu/students/major/sls/biological-sciences-biomedical-sciences (https://goglobal.asu.edu/students/major/sls/biological-sciences-biomedical-sciences).

Career Opportunities:
The curriculum prepares students with skills and concepts for employment and provides a solid platform for students who wish to attend graduate school. Graduates are prepared for careers with:

• governmental agencies such as the Environmental Protection Agency and state game and fish departments

- K-12 education, colleges and universities
- nongovernmental organizations such as The Nature Conservancy and Conservation International
- private companies focused on environmental resources, environmental law or environmental economics

The concentration can provide training in specific skills that might be needed in these areas:

- animal and plant physiology, identification and ecology
- behavioral ecology and population biology
- community, ecosystem and landscape ecology
- conservation of endangered species
- ecology of different habitats, including cities, lakes, rivers and grasslands
- restoration of degraded ecosystems

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/biological-sciences-conservation-biology-ecology
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Genetics, Cell and Developmental Biology), BS (LABSCGBS)

Campus: Tempe, Online

Program Description:
The BS program in biological sciences with a concentration in genetics, cell and developmental biology integrates the study of three exciting, closely related areas of life science research.

Genetics examines the blueprints of life, such as DNA sequence and gene expression, while cell biology studies the machinery of life enclosed within the boundaries of cells. Developmental biology uses both genetics and cell biology to understand how genes and the environment interact to produce a whole new individual from a single cell as well as to understand the various developmental changes that organisms undergo throughout life.

The combined study of genetics, cell biology and development has resulted in a better understanding of many diseases and promises to prove even more important in the future.

This program is available as an accelerated degree program. https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science)

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology (Biology and Society), MS
Biology, MS
Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM

Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-genetics-cell-and-developmental-biology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCGBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students are able to engage in community service and outreach all around the world, which can help their graduate and professional program applications stand out. Students experience unique biological environments and gain an understanding of worldwide differences in the human condition. Study abroad programs exist across the globe, including a summer in Panama and a year in Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in biological sciences with a concentration in genetics, cell and developmental biology: https://goglobal.asu.edu/students/major/sls/biological-sciences-genetics-cell-developmental-biology (https://goglobal.asu.edu/students/major/sls/biological-sciences-genetics-cell-developmental-biology).

Career Opportunities:
Graduates of this concentration have a variety of career options. This degree provides the fundamental coursework necessary for admission into medical, dental, veterinarian, pharmacy or graduate schools or any of the health professions. There also are many employment opportunities that can be pursued upon receipt of the Bachelor of Science with this concentration, such as:

- animal breeder technician
- bioinformaticist or biotechnologist
- crime lab technician
- cytotechnologist
- drug or vaccine design technician
- genetic counselor
- histologist
- in-vitro fertilization technician
- teacher
- technical writer

Students in this concentration program learn critical thinking skills that can be applied to many scientific problems and professions as well as to the challenges of daily life. Students are encouraged to engage in independent research projects or internship opportunities to develop a better sense of how science is done.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/biological-sciences-genetics-cell-developmental-biology
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)

Campus: Tempe

Program Description:
The neurobiology, physiology and behavior concentration serves students in the BS program in biological sciences with a broad yet rigorous education.

While it might seem that neurobiology, physiology and behavior are quite separate fields, the three interact extensively in living organisms to achieve common goals. By studying neurobiology, behavior and physiology from the perspectives of molecular and cellular biology, evolution, organ systems (neural, endocrine, cardiovascular, respiratory, immune and more,) and the environment, students gain insight into how these aspects work together in a variety of ways. Students in this concentration also learn to apply principles from mathematics, chemistry and physics. Discoveries are made at the laboratory bench and in the field, and students in the concentration are encouraged to participate in research projects in the labs of faculty members.

This program is available as an accelerated degree program. https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science)

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

- Biology (Biology and Society), MS
- Biology, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCABS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, students are able to engage in community service and outreach all around the world, which can help their graduate and professional program applications stand out. Students experience unique biological environments and gain an understanding of worldwide differences in the human condition. Study abroad programs exist across the globe, including a summer in Panama and a year in Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in biological sciences with a concentration in neurobiology, physiology and behavior: https://goglobal.asu.edu/students/major/sls/neurobiology-physiology-behavior (https://goglobal.asu.edu/students/major/sls/neurobiology-physiology-behavior).

Career Opportunities:
The broad education and critical-thinking skills students receive in this concentration are applicable to a variety of rewarding careers. Premedical, preveterinary and predental students get the background and courses needed for professional school application and beyond. Many students go on

to graduate school for academic, teaching or research careers in areas such as:

- endocrinology
- environmental or behavioral physiology
- human physiology
- metabolism
- neurobiology
- social behavior

With a Bachelor of Science degree in this concentration, graduates have opportunities for technical positions in hospitals, research institutes and industry (food, dairy, chemical, pharmaceutical and biotechnology) as well as in government laboratories and agencies. The most important skills students learn in the concentration are critical thinking and problem-solving skills that can be applied to many scientific problems and professions as well as to the challenges of daily life.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/biological-sciences-neurobiology-physiology-behavior
LSA 189
sols.advising@asu.edu
480-727-6277

Biophysics, BS (LABIPHBS)

Campus: Tempe

Program Description:
The BS program in biophysics uses the methods and theories of physics to study biological systems. This includes gaining a working understanding of principles governing all scales of biological organization from molecular processes of life to organisms and ecosystems.

Students are exposed to novel learning methods and laboratory experiences, with additional opportunities to conduct independent research and work directly with faculty in the field. This strong foundation prepares students to seek roles within academia, medicine, renewable energy, research and technology.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.50 (scale is 4.00= "A") for all critical classes they have completed.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABIPHBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad affords students the opportunity to gain valuable experience in a diverse set of programs in a variety of countries around the world. Students are able to study biophysics abroad through a wide set of opportunities related to physics, chemistry and biology.

Graduates who possess the heightened skills in communication, critical thinking and leadership they acquired through study abroad may stand out in a competitive field. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The broad range of applicability of the principles of biophysics gives great flexibility in a choice of career or further education including:

- chemical industries
- engineering
- government
- medicine
- physics research
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://thecollege.asu.edu/degree/undergrad/bs-biophysics
PSF 470
physics.undergrad@asu.edu
480-965-3561

Chemistry, BA (LACHMBA)

Campus: Tempe, Online

Program Description:
Students in the BA program in chemistry take a wide range of courses that prepare them to understand and take on important problems using atomic and molecular scale approaches in areas as diverse as climate change, sustainability, public health, nanoscience, forensics, cosmetics and food chemistry, patent law, sales and marketing.

The Bachelor of Arts program in chemistry is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students pursuing a bachelor's degree in chemistry have opportunities to explore varying interests from laboratory science to working in the public sector in regulation or law.

Students wishing to pursue a scientific graduate degree should consider the BS in chemistry.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, chemistry students can gain valuable experience in a diverse set of programs. Students earn ASU credit for completed courses, while staying on track for graduation. Students who study abroad acquire heightened skills in communication, critical thinking and leadership. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A degree in chemistry provides the background for careers in chemical and electronics industries, in national research labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Students with a strong liberal arts background are also prepared for careers in scientific sales, marketing, human development and training. Students often take chemistry degree programs to be competitive applicants for admission to medical, dental or pharmacy schools.

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/
PSD 104
SMSadvising@asu.edu
480-965-7667

Chemistry, BS (LACHMBS)

Campus: Tempe

Program Description:

In the BS program in chemistry, students take courses that give them the knowledge and skills that enable them to solve problems in areas as diverse as energy and sustainability, new materials for technology, medicine and health, nanoscience, environmental science, forensics, cosmetics and food chemistry at the molecular level.

The Bachelor of Science degree in chemistry prepares students for advanced study of chemistry and material science in competitive graduate degree programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry (Medicinal Chemistry), MS
Materials Science and Engineering, MS
Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
When studying abroad, chemistry students can gain valuable experience in a diverse set of programs, and they acquire heightened skills in communication, critical thinking and leadership which enable them to stand out competitively in their chosen field. Students earn ASU credit for completed courses, while staying on track for graduation. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A degree in chemistry provides the background for careers in chemical and electronics industries, in national research labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Students often take BS chemistry degree programs to be competitive applicants for admission to medical, dental or pharmacy schools.

Chemists do research in laboratories; they study the environment; they work in manufacturing, sales and marketing; they work in the public sector deciding policy and regulation; and they teach.

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/
PSD 104
SMSadvising@asu.edu
480-965-7667

Chemistry (Environmental Chemistry), BS (LACHMEBS)

Campus: Tempe

Program Description:
The BS in chemistry with an environmental chemistry concentration is an interdisciplinary degree program that combines chemistry with environmental sciences courses in geology, mathematics and physics. Students learn to understand the world around them from a molecular perspective and to tackle problems in pollution control and climate change.

This program prepares students to become scientists and leaders in solving environmental problems and serves as excellent preparation for advanced level study of chemical and environmental sciences in graduate school.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMEBS~null + &college=CLA) to outline a list of recommended courses

to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students who study abroad can strengthen their understanding of environmental chemistry through hands-on experience in new and exciting environments. Programs provide students with global skills and knowledge in preparation for a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A solid undergraduate program of education in chemistry provides the necessary background for many career paths in chemical industries, government and other areas. Chemistry can be combined with law for patent work, economics for sales and marketing careers, and computer science for careers in information storage and retrieval.

Students planning careers in medicine, dentistry or veterinary medicine often pursue a course of study in chemistry with supporting work in biology as the route for preprofessional training.

Students planning to work in areas related to the environment will find the environmental chemistry concentration especially appropriate; they are also prepared for careers in environmental science, control, policy and regulation.

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/
PSD 104
SMSadvising@asu.edu
480-965-7667

Civic and Economic Thought and Leadership, BA (LACELBA)

Campus: Tempe

Program Description:
The BA program in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history and American politics.

Faculty engage students through the Socratic method, which challenges students to analyze the complex topics impacting lives today. Students refine their ability to read closely, think analytically, write carefully and speak effectively.

The curriculum, combined with outside-the-classroom leadership experiences, provides students with the broad, academic foundation they will use throughout their careers. Students have the opportunity to intern on Capitol Hill, in congressional offices in their district, with nonprofits around the country or in an opportunity of their academic interest. They engage with world-renowned scholars and experts who visit ASU for large lectures and small seminars through the school's public programs and civic outreach initiatives, and they are able to apply for one of the school's Global Intensive Experiences, which study service and leadership in places such as Israel and the West Bank, India and South Africa.

Additional Program Fee: Y
Second Language Requirement: Y
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Classical Liberal Education and Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACELBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying civic and economic thought and leadership gain valuable leadership and communication skills through unique study abroad experiences across the globe. Programs can be found in a variety of countries around the world. By studying abroad, students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are inspired and prepared to lead and serve in civil society, public affairs or government, and the internship provides the professional experience that employers look for on a resume.

Some career paths graduates might pursue include business, education, foreign service, government, law, politics, national security affairs and public office.

Contact Information:
Liberal Arts and Sciences, The College of
School of Civic & Economic Thought and Leadership
https://scetl.asu.edu/
COOR 6611
scetadvising@asu.edu
480-965-0155

Civic and Economic Thought and Leadership, BS (LACETLBS)

Campus: Tempe

Program Description:
The BS program in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history and American politics.

Faculty engage students through the Socratic method, which challenges students to analyze the complex topics impacting lives today. Students refine their ability to read closely, think analytically, write carefully and speak effectively.

The curriculum, combined with outside-the-classroom leadership experiences, prepares students with the broad, academic foundation they will use throughout their careers. Students have the opportunity to intern on Capitol Hill, in congressional offices in their district, with nonprofits around the

country or in an opportunity of their academic interest. They engage with world-renowned scholars and experts who visit ASU for large lectures and intimate seminars through the school's public programs and civic outreach initiatives, and they are able to apply for one of the school's Global Intensive Experiences, which study service and leadership in places such as Israel and the West Bank, India, and South Africa.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Classical Liberal Education and Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACETLBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students studying civic and economic thought and leadership gain valuable leadership and communication skills through unique study abroad experiences across the globe. Programs can be found in a variety of countries around the world. By studying abroad, students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures. https://goglobal.asu.edu/ (https://goglobal.asu.edu//)

Career Opportunities:
Graduates are inspired and prepared to lead and serve in civil society, public affairs or government, and the internships provide the practical professional experience that employers desire.

Some career paths graduates might pursue include business, education, government, law, politics, national security affairs and public office.

Contact Information:
Liberal Arts and Sciences, The College of

School of Civic & Economic Thought and Leadership
https://scetl.asu.edu/
COOR 6611
scetladvising@asu.edu
480-965-0155

Communication, BA (LACOMBA)

Campus: Tempe, Online

Program Description:
The BA program in communication focuses on how message processes create, maintain and transform identities, relationships, workplaces and communities.

This program provides a culturally based liberal arts focus with a second language requirement. Such courses and activities allow students to explore many fascinating questions, such as how messages can optimally advocate for a cause, sports team or organization; how people can communicate creatively in a variety of settings and styles; how valid messages differ from invalid messages; how and why cultural differences make communication difficult; and why some topics are difficult to discuss and consistently lead to conflict.

Through rigorous coursework and rewarding applied experiences, students gain effective communication skills that are highly sought by employers. Students learn to write and speak effectively and are able to convey complex ideas simply. They are prepared for employment in communication-intensive fields or for graduate study.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students who have attended previously ASU and are returning to the university with transfer credit must have a minimum ASU cumulative GPA of 2.00 in order to be admitted into the Hugh Downs School of Human Communication.

Transfer Admission Requirements:
Students who are transferring into ASU must meet current university admission requirements.

Change of Major Requirements:
Current ASU students who would like to change their major to the BA in communication must have a minimum cumulative GPA of 2.00 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/communication-degree-ba/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students may engage in a unique and exciting opportunity to gain intercultural experience through tailored international programs of study. They improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills and expand their knowledge of the liberal arts through lenses of different cultures. Study abroad opportunities exist across the globe, including in Australia, the United Kingdom and with a semester at sea. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in communication: https://goglobal.asu.edu/students/major/communication (https://goglobal.asu.edu/students/major/communication).

Career Opportunities:
Graduates often attend leading graduate schools in communication, law or business or find gainful employment in careers in the areas of:

- campaign management
- counseling
- entrepreneurism
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

Contact Information:
Liberal Arts and Sciences, The College of
Hugh Downs School of Human Communication
https://humancommunication.asu.edu/
STAUF A412
communication@asu.edu
480-965-5095

Communication, BS (LACOMBS)

Campus: Tempe, Online

Program Description:
The BS program in communication focuses on how message processes create, maintain and transform identities, relationships, workplaces and communities. This degree program provides a liberal arts grounding and a social science focus. Such courses and activities allow students to explore many fascinating questions, such as:

- In what ways can messages convince people to eliminate negative health behaviors?
- When, how and why do cultural differences make it difficult to communicate?
- Why are some topics difficult to discuss and consistently lead to conflict?
- Why do people differ in how committed they are to their work?
- Why do some relationships flourish while others fade away?

Through rigorous coursework and rewarding applied experiences, students gain effective communication skills that are highly sought by employers. Students learn to write and speak effectively and to convey complex ideas simply, preparing them for employment in a variety of career fields or for

graduate study.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students who have previously attended ASU and are returning to the university with transfer credit must have a minimum ASU cumulative GPA of 2.00 in order to be admitted into the Hugh Downs School of Human Communication.

Transfer Admission Requirements:
Students who are transferring into ASU must meet current university admission requirements.

Change of Major Requirements:
Current ASU students who would like to change their major to communication must have a minimum cumulative GPA of 2.00 (scale is 4.00 = "A").

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-communication/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBS~null + &college=CLA) to outline a list of recommended courses to

take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students may engage in a unique and exciting opportunity to gain intercultural experience through tailored international programs of study. They improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills and expand their knowledge of the liberal arts through lenses of different cultures. Study abroad opportunities exist across the globe, including in Australia, the United Kingdom and with a semester at sea. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in communication: https://goglobal.asu.edu/students/major/communication (https://goglobal.asu.edu/students/major/communication).

Career Opportunities:
Graduates often attend leading graduate schools in communication, law or business schools, or find gainful employment in careers in the areas of:

- campaign management
- counseling
- entrepreneurism
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

Contact Information:
Liberal Arts and Sciences, The College of
Hugh Downs School of Human Communication
https://humancommunication.asu.edu/
STAUF A412
communication@asu.edu
480-965-5095

Computational Mathematical Sciences, BS (LACMSBS)

Campus: Tempe

Program Description:
This BS program in computational mathematical sciences is a fusion of mathematics, science and computing. Students in this program learn how to translate science and engineering problems into mathematical problems and solve them using computing algorithms. They develop strong problem-solving, analytical and programming skills as they work across diverse areas of science and mathematics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Mathematics, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACMSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience through study abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. They gain hands-on experience in programs anywhere in the world, such as a week in Brazil and a semester in Japan.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
In a recent study, mathematics, computer science, applied mathematics and statistics all ranked among the top 15 most valuable college majors in terms of salary and career prospects. The computational mathematical sciences program brings all these disciplines together.

A bachelor's degree in computational mathematical sciences is one of the most versatile math degrees, offering graduates many career options. This degree positions them for careers in computer technology, business, medical research, teaching and education, engineering and more. Some pursue graduate opportunities in areas such as biophysics, economics, medicine and statistics. Diverse areas of study such as cancer modeling, weather forecasting and financial modeling all involve computational mathematical sciences.

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Data Science, BS (LADATSCIBS)

Campus: Tempe, Online

Program Description:
Modern science and technology use sophisticated mathematical and computational tools to extract patterns from large, complex and often unordered data sets. Machine learning and data mining are invaluable technologies with applications as diverse as detecting fraudulent online credit-card transactions, understanding the dynamics of social movements, and personalizing medical treatments based on a tumor's unique genetic profile.

The BS degree program in data science prepares students to be critical analysts and users of data in a variety of areas such as business, research and government. This transdisciplinary program allows students to choose a focus area from a variety of fields to center their understanding of data science. With a mathematical core consisting of linear algebra, statistical inference and classification, data mining, machine learning and associated computer methods, students leave the program with a strong background in data-related skills that are useful in solving real-world issues.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/data-science-online-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LADATSCIBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/

(https://goglobal.asu.edu/)

Career Opportunities:
Glassdoor.com ranks data scientist as second in the top 50 Best Jobs in America and reports the average annual salary in 2021 for data scientists was $113,736. The McKinsey Global Institute projects a shortage of qualified workers with deep analytical skills.

In the data science program, students learn skills related to data analysis, data prediction models and ethical uses of research data, helping them prepare to meet the expressed needs of society.

Graduates of this program work in a variety of fields such as governmental research, education, health services, consumer behavior and business.

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR 208
math@asu.edu
480-965-7195

Earth and Environmental Studies, BA (LAEESBA)

Campus: Tempe

Program Description:
The BA program in earth and environmental studies provides a foundational understanding of the evolution of the earth system with an emphasis on the planetary context for sustainable human societies.

The degree program includes broad training in the physical sciences, especially process-oriented geosciences that focus on Earth's life-sustaining surface environment. Advanced courses focus on topics, including:

- climate change
- earth's water, energy and material resources
- impact of land-use change on human civilization
- physical, chemical and biological process interactions that define Earth's evolution

This is designed as a liberal arts program with an emphasis on basic scientific literacy, not as a preparatory degree program for graduate study in the natural sciences.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAEESBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Not only is the physical environment varied across the globe, so is the human treatment of it. Studying abroad allows students to gain a deeper understanding of the global environment, how culture affects the environment, and how to best communicate environmental research to a diverse audience. Programs are offered in a variety of countries around the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
With a breadth of knowledge and experience and the acquired skills to integrate various domains of knowledge, graduates are prepared for a variety of careers that position them to help find solutions to tomorrow's environmental and sustainability challenges. Recent environmental awareness in business and government has also resulted in new employment opportunities (e.g., environmental coordinators, directors and managers).

Sample careers include:

- environmental reporting
- education
- management
- public planning
- environmental administrative staff

Sample career settings include:

- governmental agencies
- museums
- nongovernmental organizations
- nonprofit organizations
- publishing companies
- regulatory agencies
- utilities

Graduates are also well prepared for admission to strong professional schools in fields outside the natural sciences.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration, BS (LASESBS)

Campus: Tempe

Program Description:
The BS program in earth and space exploration offers students an integrated education across earth sciences, planetary sciences, astrophysics and engineering. The degree program incorporates a learning community that includes science and engineering students, a yearlong collaborative capstone senior exploration project and strong quantitative preparation.

This strong foundation in geosciences, astrophysics and exploration engineering prepares students for key roles in earth resources and exploration, environmental and geologic engineering, space research and industry, and water and environmental use policy.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Study abroad allows students to take relevant classes while living in another country. Students majoring in earth and space exploration can choose from nearly all of the 250 programs offered to supplement their ASU experience, whether it's stargazing in the desert or researching in Switzerland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The earth and space exploration major addresses critical future shortfalls in the national and regional training of the next generation of geoscientists and aerospace engineers.

Arizona has an expanding space industry with major new investments and is prepared to engage new technologies to monitor and understand environmental issues in Arizona, the Southwest and throughout the world.

Graduates with a Bachelor of Science in earth and space exploration have the tools, knowledge and understanding to address key problems of a global nature, whether they are working in the private or public sector.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration

https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)

Campus: Tempe

Program Description:
Astrobiology studies the origins, evolution, distribution and future of life in the universe. Biogeoscience focuses on the interaction of biological, geological and chemical processes on Earth in the present, past and future. These topics are closely related because the concepts of biogeoscience inform the study of planetary habitability and the search for habitable worlds.

Therefore, the astrobiology and biogeoscience concentration in the BS program in earth and space exploration is designed to offer students a strong foundation for exploring the interaction of geological and biological processes and understanding how such interactions sustain life on Earth and how they might operate on other planets. Those with this necessary scientific background contribute to the search for life on other planets, explore the life of extreme environments here on Earth and better understand how life on Earth responds to past, current and future global changes.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Study abroad allows students to take relevant classes while living in another country. Students majoring in earth and space exploration can choose from nearly all of the 250 programs offered to supplement their ASU experience, whether it's stargazing in the desert or researching in Switzerland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the astrobiology and biogeosciences program are well prepared for graduate studies in these fields. Because astrobiology is increasingly the motivation for space science exploration missions, they are also well suited for entry-level careers in space science research. The degree program also provides broad training across a range of sciences, giving students a strong background for careers in biomedical, environmental or sustainability areas.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Astrophysics), BS (LASESABS)

Campus: Tempe

Program Description:
The BS program in earth and space exploration with a concentration in astrophysics is designed to offer students a fundamental grounding in astronomy and astrophysics, with exposure to the related fields of geology, planetary science and engineering.

Students of the astrophysics major develop a background in theoretical modeling and observational techniques of galactic and stellar astronomy, extragalactic astronomy and cosmology. They learn to think critically about scientific problems by reducing the complexity to more tractable components.

The rigorous and quantitative coursework includes a combination of physics courses taught in the ASU School of Earth and Space Exploration and the Department of Physics. The tools of astronomical discovery are increasingly dependent on technological advances, and students are exposed to engineering principles and computer programming. Through the capstone project in the senior year, students gain valuable experience in translating science drivers into engineering solutions.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU

(https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Study abroad allows students to take relevant classes while living in another country. Students majoring in earth and space exploration can choose from nearly all of the 250 programs offered to supplement their ASU experience, whether it's stargazing in the desert or researching in Switzerland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates possess the skills required for a career in astrophysics, physics and related fields. They also are prepared to pursue graduate school in astrophysics or to perform laboratory research or data-intensive analyses that enable scientific progress or inform public policy.

Career opportunities include:

- aerospace engineer
- astrobiologist
- astronomer
- computer programmer
- data analyst
- instrumentation specialist
- planetary scientist
- science policy intern
- science writer
- teacher
- telescope operator

Career settings include:

- federal government
- K-12 schools
- manufacturing
- museums
- NASA facilities
- national laboratories
- NSF facilities
- observatories
- planetariums
- publishing
- space industries
- universities and colleges

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)

Campus: Tempe

Program Description:
The BS program in earth and space exploration with a concentration in exploration systems design offers students a fundamental curriculum in geology, physics and astrophysics while providing tools that enable them to design and build hardware and software to explore Earth and the universe beyond.

The program has a rigorous and quantitative grounding in the fundamentals of physics, mathematics and chemistry. Upon that foundation, students learn how to design hardware and software for scientific exploration. Coursework focuses on conceiving the requirements needed for a mission or project destined for space or extreme environments on Earth.

Each student in this program has the opportunity to learn how projects and missions are designed and planned, starting with the scientific drivers and then defining engineering specifications. All students are expected to complete a senior project that takes a desired scientific measurement and realizes the technological solution to achieve the observation.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 265 - Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESESDBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

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Global Opportunities:
Global Experience:
Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Study abroad allows students to take relevant classes while living in another country. Students majoring in earth and space exploration can choose from nearly all of the 250 programs offered to supplement their ASU experience, whether it's stargazing in the desert or researching in Switzerland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities include:

- astronomer
- geoscientist
- planetary scientist
- science policy intern
- science writer

- scientific instrumentation specialist
- space systems engineer
- systems engineer

Sample career settings include:

- aerospace industry
- federal government
- manufacturing
- NASA centers
- national laboratories
- observatories
- publishers
- space industries
- universities and colleges

This program also provides suitable preparation for graduate study.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Geological Sciences), BS (LASESGSBS)

Campus: Tempe

Program Description:
Geological science is the study of earth and other planets with an emphasis on the processes that have shaped them since the origin of the solar system. Students explore topics such as the co-evolution of life, oceans, atmosphere and the earth's climate system, and the record of that evolution encoded in rocks, soil, ice and isotopes.

The BS program in earth and space exploration with a concentration in geological sciences educates students in the fundamentals of geological sciences, providing a solid background in chemistry, mathematics and physics as well as mineralogy, structural geology, field geology and a variety of geologic subdisciplines.

Students gain a strong understanding of field methods as well as modern computing, remote sensing and instrumentation to effectively study the natural environment and earth's resources. Graduates of the program can apply their knowledge for the benefit of Arizona, the nation and society in general.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESGSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students in the geological sciences concentration to gain hands-on experience in a variety of programs all over the world.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates in geological sciences are prepared for employment in a variety of geoscience-related fields and for continued studies toward higher educational degrees. The geological science degree program provides broad training in the geosciences and supporting sciences, opening up diverse opportunities for employment in industry, government, education and other organizations. Geological science graduates understand how to approach diverse societal issues, such as water resources, mineral resources, geologic hazards, engineering geology and government regulations.

Sample careers include:

- environmental geologist
- geological engineer
- geologist
- government geologist
- mineral exploration geologist
- petroleum geologist
- science policy intern
- science writer
- water resources scientist

Sample career settings include:

- environmental industry
- federal, state, and local government agencies
- geotechnical industry
- museums
- petroleum industry
- publishers
- small exploration companies and large mining companies

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Economics, BS (LAECNBS)

Campus: Tempe, Online

Program Description:
The Department of Economics at ASU provides highest-quality instruction to students, conducts cutting-edge research in economics and provides leadership and service to its professional communities. The department's undergraduate students are provided the critical thinking and communication skills needed to succeed in business, government or graduate school.

The BS program in economics is built on a strong core of economic theory, supplemented by mathematics and data analysis. All students are encouraged to develop programs of study tailored to their individual needs and interests. Students choose from a variety of courses within the department as well as from The College of Liberal Arts and Sciences and the university to broaden their knowledge and skills and individualize their learning experience.

Students currently enrolled in the Bachelor of Science in economics program may not pursue a concurrent degree with the BS in politics and the economy or the BS in economics, offered by the W. P. Carey School of Business, due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-college-liberal-arts-and-sciences/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The world is increasingly interconnected, and study abroad allows students to explore economics in other countries while developing in-demand professional skills like cross-cultural communication and problem-solving. Summer programs can provide experience at international financial institutions and help students increase their understanding of economics on a global scale. Students can learn more on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Economics graduates have acquired jobs with top private companies, consulting firms and government. Others have landed assistantships with Federal Reserve and other nonprofit research institutions. Those choosing to continue their studies have earned admission to top master's and doctoral programs in the U.S. and abroad as well as to some of the best law schools in the country.

Contact Information:
Liberal Arts and Sciences, The College of
Economics Program in CLAS
https://wpcarey.asu.edu/economics-degrees/undergraduate
CRTVC 412
wpcareyecn@asu.edu
480-965-3531

Economics (Politics and the Economy), BS (LAECNPECBS)

Campus: Tempe

Program Description:
The concentration in politics and the economy serves undergraduate students in the BS program in economics who wish to pursue careers in business, economic and political consulting, political science, law and government.

In addition to coursework drawn from economics, the concentration also requires coursework that highlights the impact of government policies on the economy and the conditions under which government interventions may be warranted. Students take political science courses that provide a deep understanding of political processes and institutions as well as methodologies for understanding that behavior.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNPECBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The world is increasingly interconnected, and study abroad allows students to explore economics in other countries while developing in-demand professional skills like cross-cultural communication and problem-solving. Summer programs can provide experience at international financial institutions and help students increase their understanding of the intersections between politics and economics. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are well prepared for successful careers in business, economic and political consulting, law and government, whether they seek employment immediately upon graduation or they choose to pursue advanced degrees in law, business, economics or political science.

Contact Information:
Liberal Arts and Sciences, The College of
Economics Program in CLAS
https://wpcarey.asu.edu/economics-degrees/undergraduate
CRTVC 412
wpcareyecn@asu.edu
480-965-3531

English, BA (LAENGBA)

Campus: Online

Program Description:
The BA program in English is offered completely online.

Students supplement a core focus on critical studies and analysis with courses chosen from literature, linguistics, film and media and creative and nonfiction writing to complete a robust program of study.

This undergraduate program in English studies prepares students for an ever-expanding variety of careers or for continuing their studies in graduate and professional programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-english/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Define and utilize key terms and conventions of literary, linguistics, and rhetorical scholarship.
- •Analyze the formal construction of texts from diverse rhetorical and literary traditions to explain how they function.
- •Compose original texts that situate their interpretations in conversation with multiple perspectives.

Global Opportunities:
Global Experience:
Studying abroad expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of over 250 study abroad programs. Students enhance their resumes and educational experience with the heightened cultural competency, communication and critical thinking skills they acquired through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in English:

https://goglobal.asu.edu/students/major/english (https://goglobal.asu.edu/students/major/english).

Career Opportunities:
Degree programs in English prepare students for a variety of careers in diverse fields. Employers seek those with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- nonprofit organizations
- professional and technical writing
- public relations
- publishing
- teaching
- web content development

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

English (Creative Writing), BA (LAENGCBA)

Campus: Tempe

Program Description:
Students in the creative writing concentration of the BA program in English study and practice the art of writing poetry and fiction.

Students gain practical experience through writing workshops and internship opportunities that prepare them for an ever-expanding variety of careers in writing, publishing, editing, teaching, media and public relations. The undergraduate program also prepares students to continue their studies in graduate and professional programs.

The undergraduate program features an outstanding faculty that has published more than 80 books and has garnered national and international attention and awards.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGCBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Evaluate a work-in-progress in poetry or fiction and provide constructive feedback
•Produce literary works (poems and stories) held to have merit by class peers and professor
•Production of a portfolio of creative writing: original poetry or fiction, with attention to content and form, via significant revision process informed by craft lessons.

Global Opportunities:
Global Experience:
Study abroad expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of over 250 study abroad programs.

Students will be able to enhance their resumes with the educational experience and heightened cultural competency, communication and critical thinking skills they acquire through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in English with a concentration in creative writing: https://goglobal.asu.edu/students/major/english (https://goglobal.asu.edu/students/major/english).

Career Opportunities:
Employers in all fields are always looking for individuals with strong writing and communication skills and the ability to think critically, skills that a bachelor's degree in English with a concentration in creative writing provides. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- medicine
- nonprofit community service
- professional writing
- public relations
- publishing
- teaching
- web content development

Contact Information:

Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

English (Linguistics), BA (LAENGNBA)

Campus: Tempe

Program Description:
Students in the linguistics concentration of the BA program in English focus on study of the history and structure of language. Students have the opportunity to study with distinguished faculty actively engaged in scholarly research and to gain practical experience through internships that prepare them for an ever-expanding variety of careers. The program also prepares students to continue their studies in graduate and professional programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Linguistics and Applied Linguistics, MA
Teaching English to Speakers of Other Languages, MTESOL

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGNBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of over 250 study abroad programs. Students enhance their resumes with educational experience and heightened cultural competency, communication and critical thinking skills gained through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in English with a concentration in linguistics: https://goglobal.asu.edu/students/major/english (https://goglobal.asu.edu/students/major/english).

Career Opportunities:
With a degree in English, students' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and other communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching
- web content development

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

English (Literature), BA (LAENGTBA)

Campus: Tempe

Program Description:
Students in the literature concentration of the BA program in English study texts and cultures from the earliest writings in English to contemporary expressions, on paper, online and out in the world. They learn to read critically, analyze representations and understand how stories work to define the human experience.

The program offers students the opportunity to engage with faculty in exploring American and British literature, critical theories and methods and interdisciplinary studies. Students choose from a broad array of courses to further explore subjects such as race and ethnicity, gender and sexuality and literary histories and traditions.

Students can gain practical experience through research, writing and internships that prepare them for an ever-expanding variety of careers. The undergraduate programs also prepare students to continue their studies in graduate and professional programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGTBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore English literature at a deeper level through the places where great works were written, in one of over 250 study abroad programs. Students enhance their resumes with educational experience and heightened cultural competency, communication and critical thinking skills they acquired through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in English with a concentration in literature: https://goglobal.asu.edu/students/major/english (https://goglobal.asu.edu/students/major/english).

Career Opportunities:
With a degree in English, graduates' career options are virtually endless. Employers in all fields are always looking for those with strong writing and other communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- medicine
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching
- web content development

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/

RBHL 170
englishadvising@asu.edu
480-965-3168

English (Secondary Education), BA (LAENGSEBA)

Campus: Tempe

Program Description:
The BA in English with a concentration in secondary education focuses on rigorous content in literature, composition, linguistics and secondary teaching pedagogy. This program provides extensive preparation for meeting the needs of all student populations, including attention to levels of academic performance and cultural and linguistic diversity.

Students finish the program with Arizona Department of Education certification for middle and high school English language arts. Both a fingerprint clearance and a background check are required in the second year of the program.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English Education, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGSEBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the students in their classrooms. Students enhance their English degree with a study abroad program, in which they can gain firsthand experience of a wide range of cultures and communities. There are over 250 programs available, in countries like Brazil and Finland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in English with a concentration in secondary education: https://goglobal.asu.edu/students/major/english (https://goglobal.asu.edu/students/major/english).

Career Opportunities:
Students graduating with a bachelor's degree in English with a concentration in secondary education have tremendous opportunities for employment. With more than one million students in a state ranked seventh in the nation in population growth, the need for certified teachers in Arizona is self-evident. Arizona State University provides more of those teachers than any other institution of higher education.

In the last 15 years, ASU graduates have had their pick of teaching jobs around the valley and around the state. After student teaching in school districts in the greater Phoenix area or within one of the 22 Native American nations in the state, graduates are often hired to teach in the same school in which they completed their internship.

New teachers continue to be in demand because the predicted rate of population growth in Arizona is still strong and the retirement rate of teachers is increasing.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

English (Writing, Rhetorics and Literacies), BA (LAENGWBA)

Campus: Tempe

Program Description:
The BA program in English with a concentration in writing, rhetorics and literacies teaches students strategies for inquiry.

Students explore the ways in which communication creates knowledge and action. Students study how communication is constructed, circulated, reacted to and repurposed through time and place. Through differing tools of inquiry, students investigate the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGWBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of literature, dialects and rhetoric in one of over 250 study abroad programs. Students who study abroad gain heightened cultural competency and communication and critical thinking skills, which enhance their educational experience and their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities are vast for this concentration: in business, private companies, government, nonprofit organizations and anywhere where critical inquiry, innovative thinking, communication, decision-making, future studies and collaboration are valued and needed. This program also prepares students for further education in teaching, law and other professional programs.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

Family and Human Development, BS (LAFASBS)

Campus: Tempe, Online

Program Description:
The BS degree program in family and human development focuses on contemporary issues in society and how they impact children and families.

Required courses give students the opportunity to learn about the stages of human development through the lifespan and specialize in particular stages (i.e., infancy, adolescence, aging). Students gain a deep understanding of the complicated dynamics of human relationships in families, workplaces and communities. Students can build on the foundational knowledge of development and relationships in the required core courses by taking elective courses that provide a specialized skill set.

Students also may choose to participate in learning experiences outside of the classroom, including working in the Child Development Lab, working as a research assistant, and doing an internship. Proficiency in written communication, research methodology and data analysis are also gained in this family and human development program.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-family-and-human-development/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFASBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can explore different cultures and social dynamics through studying abroad while developing in-demand professional skills including teamwork and problem solving. Students can stay on track academically while earning ASU credit over winter or spring break trips. Opportunities available include home stays, which allow students to make connections with families in other countries. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
A bachelor's degree in family and human development prepares students for a rewarding career in:

- business
- child and family advocacy
- education
- government
- social services

This program also provides excellent preparation for future graduate work in:

- counseling
- health-related professions
- law
- social work

Contact Information:
Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/
SS 144
advisor@asu.edu
480-965-6978

Film (Film and Media Studies), BA (LAFMSBA)

Campus: Tempe, Online

Program Description:
The BA program in film with a concentration in film and media studies is an innovative program in the study of film, television and digital media.

The program provides students with the analytical, creative and communication skills to interpret and produce media texts, empowering them to be critical scholars, consumers and practitioners of media culture.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-film-and-media-

studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFMSBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- •Analyze the aesthetics of film, television, and digital media texts.
- •Analyze the cultural significance of representations of class, gender, nation, race, & sexuality in film, television, & digital media.
- •Assess and analyze the business of film, television, and digital media practices.

Global Opportunities:
Global Experience:
Students gain valuable experience through study abroad, experience which enhances their resumes. With over 250 programs available, studying abroad allows students to tailor their experience to their distinctive interests and skill sets. In addition to providing a once in a lifetime opportunity, study abroad programs also offer students the chance to hone their creative and communication skills in a unique environment. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in film with a concentration in film and media studies: https://goglobal.asu.edu/students/major/film-media-studies (https://goglobal.asu.edu/students/major/film-media-studies).

Career Opportunities:
The film and media studies concentration provides undergraduates with skills that can be applied in a number of professional fields, including as leaders within these areas of the media and entertainment industries:

- creative management
- criticism
- development
- marketing
- regulation
- teaching

Some graduates of film and media studies have gone on to pursue graduate studies at prestigious universities while others elect to begin their careers. Graduates are prepared for employment as executives, screenwriters, producers, reviewers, teachers, marketers, analysts and bloggers.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

French, BA (LAFREBA)

Campus: Tempe

Program Description:
The BA program in French offers the opportunity to study the language, literature and culture of France and francophone countries.

Students gain competence in reading, writing, and oral and aural skills in the French language and take a number of related courses on topics such

as:

- art
- cinema
- colonization
- government and political science
- history and civilization
- international business
- linguistics
- literature and theater
- popular culture
- religion

Students are encouraged to join the French Club to help them gain proficiency in the language. In addition, the School of International Letters and Cultures offers faculty-directed summer study abroad programs in Lyon, France and Quebec, Canada, and it endorses partnership and exchange programs in francophone Africa, Canada and Europe. More information on study abroad opportunities is available at https://silc.asu.edu/silc-studyabroad (https://silc.asu.edu/silc-studyabroad).

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Language Teaching, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFREBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

There is no better way to learn a language than to be immersed in it. Being surrounded by French language speakers offers a learning experience that cannot be acquired in a classroom. By studying abroad, students have the opportunity to strengthen their language skills not only by living in a francophone country, potentially with a local host family, but also by earning ASU credit toward their degree. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in French: https://goglobal.asu.edu/students/major/SILC/french (https://goglobal.asu.edu/students/major/SILC/french).

Career Opportunities:
Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Career fields using French include:

- advertising, marketing and communications
- diplomatic and foreign service
- domestic and international business
- fashion
- film, television and multimedia
- foreign correspondence and journalism
- international education and study abroad
- interpreting and translation
- teaching and research
- travel and tourism

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-french
DH 131
silcadvising@asu.edu
480-965-6281

Gender, Women and Sexuality Studies, BA (LAWSTBA)

Campus: Tempe, Online

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Program Description:
Through coursework and scholarly research, students in the BA program in gender, women and sexuality studies gain critical knowledge and a deeper understanding of feminist theory and practice. Students are offered the opportunity to challenge conventional wisdom about gender and explore new ways of viewing the world through the study of:

- culture
- economics
- film
- history
- literature
- politics
- science

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Science and Technology Policy, MSTP
Women and Gender Studies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-women-and-gender-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAWSTBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Analyze the ways in which gender intersects with other social locations in shaping ideology, as well as social, political and cultural institutions.
- •Apply digital literacy skills to present their research in the field.
- •Demonstrate an understanding of key concepts and methodologies in the field.

Global Opportunities:
Global Experience:
Through study abroad, students can learn how other cultures view women and gender and analyze issues related to gender around the world. The ASU Study Abroad office offers programs that give students the opportunity to immerse in a different culture, intern and study in more than 65 countries across the globe. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in women and gender studies: https://goglobal.asu.edu/students/major/sst/women-gender-studies (https://goglobal.asu.edu/students/major/sst/women-gender-studies).

Career Opportunities:
The women and gender studies degree program prepares students for many different career opportunities upon graduation. Graduates of the program are also well prepared for graduate and law school and have been admitted to prestigious programs.

Graduates have obtained careers in a wide array of fields, including:

- consulting
- counseling
- education
- government
- health care
- law
- nonprofits
- women's advocacy

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Geographic Information Science, BS (LAGISBS)

Campus: Tempe, Online

Program Description:
Students in the BS program in geographic information science begin their study by gaining a strong foundational understanding of geographic information systems, statistical analysis and computer programming. Students expand on this foundation through upper-division coursework in the major that enables the pursuit of deeper and more focused understanding of the application of geographic information science technologies to complex environmental and societal issues.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
or MAT 117 College Algebra
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/geographic-information-science-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGISBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students have the opportunity to apply their knowledge of geographic information science in a new and different setting through study abroad. Students can gain a deeper understanding of the complex societal and environmental issues that influence the uses of GIS while enhancing their resumes with heightened skills in cultural competency, communication and critical thinking. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates in geographic information science pursue career opportunities in both the private and public sectors. Some of the career opportunities for graduates of the Bachelor of Science program in geographic information science include:

- cartographers and photogrammetrists
- geographic information system technicians
- geospatial information scientists and technologists
- location analysts
- mapping technicians
- remote sensing scientists and technologists

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/bsgis
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Geography, BA (LAGCUBA)

Campus: Tempe, Online

Program Description:
Combining the physical environment with human interaction, the BA program in geography emphasizes humanistic and cultural traditions.

Students pursuing undergraduate studies in geography typically concentrate on knowledge-building in understanding various cultural phenomena or in studying regions such as Africa, Asia, Australia and Oceania, Europe, Latin America and North America.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, MA
Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-geography/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Studying abroad grants students the ability to explore the world and gain hands-on experience in diverse cultures and traditions. Students enhance their resumes with the heightened skills in cultural competency, communication and critical thinking they acquire through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Geographers obtain careers in:

- community development
- foreign service
- geodemographic analysis
- governmental organizations
- intelligence analysis
- international trade
- nongovernmental organizations
- public sector transportation planning
- teaching
- urban and regional planning

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/undergraduate-degrees/geography
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Geography, BS (LAGCUBS)

Campus: Tempe, Online

Program Description:
Geographers have a unique spatial perspective in understanding the world, from global to local, through the twin lenses of space and place.

Students in the BS program in geography learn about natural features of the world, including landforms, plants, water and weather, as well as the impact humans have on the world. This degree program also emphasizes social science or environmental science dynamics involving economic patterns, human populations and transportation.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, MA
Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic

departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-geography/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students deepen their understanding of the diversity of geographical features around the globe when studying abroad. Study abroad allows students to explore the terrains they are learning about and gain hands-on experience in diverse landscapes and cultures. Students are able to enhance their resumes with the heightened skills in cultural competency, communication and critical thinking they acquired through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
With a focus on geospatial techniques, geographers with a Bachelor of Science degree go on to careers such as:

- computer cartographers
- environmental impact assessment analysts
- geographic information science specialists and analysts
- geomorphologists
- hydrology and water resource specialists
- location analysts for businesses
- photogrammetry specialists
- remote sensing analysts

Graduates also are presented with a host of other geospatial career options in the burgeoning fields of geographic information science, mapping and navigation systems.

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/undergraduate-degrees/geography-0
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Geography (Meteorology-Climatology), BS (LAGCUMBS)

Campus: Tempe

Program Description:
The meteorology-climatology concentration under the BS program in geography is designed to meet the requirements for certification as a meteorologist by the National Weather Service. It covers dynamic as well as synoptic meteorology.

Students gain a focused understanding of weather, climate and the various related methods of measurement and instrumentation. Required courses include atmospheric physics, operational weather forecasting, three semesters of calculus and two semesters of calculus-based physics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, MA
Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUMBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students deepen their understanding of climate diversity around the globe through study abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets and to gain hands-on experience in diverse landscapes and cultures. Students' resumes are enhanced with the heightened cultural competency, communication and critical thinking skills they acquire when studying abroad, enabling them to stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Students successfully completing the program have found employment with:

- airlines
- energy power companies
- government agencies
- military (meteorology and pilot training)
- National Weather Service

This program also provides suitable preparation for graduate study in either meteorology or climatology.

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/undergraduate-degrees/geography-meteorology-climatology
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

German, BA (LAGERBA)

Campus: Tempe

Program Description:
Students in the BA program in German study the language, literature and culture of German-speaking people and gain competence in reading, writing, and oral and aural skills in the language. The program offers thought-provoking, engaging classes and experiences led by a core of faculty eager to help students succeed in achieving their goals. German classes provide opportunities for exploring how people in German-speaking Europe:

- understand the world through literature, film, the performing arts and other cultural practices
- engage with the worlds of politics, economics, social justice and humanitarianism
- think deeply about philosophy, the influence of history and the environment
- have become global leaders in the fields of business, engineering and the natural sciences

Students are encouraged to participate in the School of International Letters and Cultures faculty-directed summer abroad program in Regensburg or in a semester or academic-year exchange program available at several German universities.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Language Teaching, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGERBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad is vital when learning German language and culture as there is no better way to learn a language than to be immersed in it. Studying abroad adds value to the degree by preparing students to lead in a 21st century, multicultural career with valuable skills employers seek. Students can choose from two-week to full-year programs in German-speaking countries. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in German: https://goglobal.asu.edu/students/major/SILC/german (https://goglobal.asu.edu/students/major/SILC/german).

Career Opportunities:
Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields in which knowledge of multiple languages and cultures is valued include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hotel and resort management
- international education and study abroad administration
- international law
- lifestyle management
- military
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-german
DH 131
silcadvising@asu.edu
480-965-6281

Global Health, BA (LASSHBA)

Campus: Tempe, Online

Program Description:
The BA in global health is a transdisciplinary degree that provides students with the skills and perspectives to understand and solve health challenges across the globe, while accounting for cultural, historical, biological and ecological factors.

Students learn to identify critical health issues, ask the right questions, and create the kinds of meaningful and effective solutions that top employers demand. Students participate in an approved global health study abroad program alongside faculty experts. A variety of destinations and topics are available.

Faculty in the School of Human Evolution and Social Change are recognized internationally for their work on pressing global health problems, such as health inequalities, chronic disease, family health, water and food insecurity, obesity and stigma, emergent infectious disease, resource management and evolutionary medicine.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Health, MA
- Global Health, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic

departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-health/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASSHBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad allows global health students to deepen their understanding of the impact of culture on public health, expand the lens through which they view people, and gain firsthand experience in their field. Students who study abroad can make an impact on communities across the globe, all while enhancing their resume with communication and cultural competency skills needed for a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in global health: https://goglobal.asu.edu/students/major/global-health (https://goglobal.asu.edu/students/major/global-health).

Career Opportunities:
Training in global health provides enormous and varied career opportunities, both national and international, and demand is high and growing for graduates with these skills. The major supports the goals of those pursuing careers in health services, academic and applied research, and teaching. Potential employers include:

- departments of health
- government agencies
- international agencies (World Health Organization, Center for Disease Control, Global Health Council, World Bank, Inter-American Development Bank)
- nongovernmental organizations
- private sector
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations, such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Global Studies, BA (LASGSBA)

Campus: Tempe, Online

Program Description:
The BA program in global studies examines both the causes and consequences of problems that cross national boundaries and the governance of these problems in social, cultural and economic contexts.

The degree program aims to address real-world problems and their solutions. This mission is enabled by an internationally recognized faculty with extensive global experience from a wide variety of disciplines in the social sciences and humanities. Global studies faculty members orient their work toward solving global problems by drawing on expertise in diverse disciplines.

The global studies program uses teaching, research and public policy activities to address some of the most challenging issues that include:

- economic and social development
- global cities and urbanization
- global governance of health and climate change
- justice and human rights
- religious identities, rights and conflicts
- world culture

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Security (Cybersecurity), MA
Global Security, MA
Political Science, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASGSBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad not only satisfies degree requirements within the global studies major but also helps students develop a portfolio of experience, with research and internship opportunities available in an international setting. It provides students the chance to challenge themselves to adapt and persevere under potentially difficult social and cultural circumstances. When studying abroad, students encounter many opportunities to improve their language and cultural competency skills which help them effectively communicate across populations. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in global studies: https://goglobal.asu.edu/students/major/spgs/global-studies (https://goglobal.asu.edu/students/major/spgs/global-studies).

Career Opportunities:
A global studies degree prepares graduates for professional and graduate training in fields like law, business and public policy and with the broad foundational knowledge required for future decision-making in government, business and policy entities.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

History, BA (LAHISBA)

Campus: Tempe, Online

Only the standalone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.

Program Description:
Students pursuing the BA in history study the growth and development of human society from political, social, economic and cultural perspectives. Students learn to craft stories from materials other people have left behind --- constitutions, land deeds, diaries, guns and bones. They learn to make decisions about what to investigate, whom to believe, what happened first, and why things fell apart or came together.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, to perform quantitative as well as qualitative analysis, and to present their findings in compelling ways to all kinds of audiences.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
History, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-history/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

•Explore historical evidence in order to understand and compare competing perspectives on events.

•Discern and articulate matters of historical cause and effect and construct a well-reasoned argument accounting for the necessary and sufficient causes of historical events.

•Analyze continuity and change in global contexts, and will understand the reasons for and consequences of dividing history into eras.

•Analyze and discuss historical change and continuity in American institutions and cultures.

•Acquire information about one or more societies outside of the United States, and be able to analyze the culture and institutions of that society.

Global Opportunities:
Global Experience:
Understanding the events that have led humanity to this point is a large aspect of being a history major. There is no better way to understand historical events than to study abroad, living in the nations where the events happened, among the people and surrounded by the language and culture. Students gain not only memories that last a lifetime but also skills that can help them succeed in every aspect of their professional and personal lives. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in history: https://goglobal.asu.edu/students/major/shprs/history (https://goglobal.asu.edu/students/major/shprs/history).

Career Opportunities:
History majors are in demand. They know how to find and evaluate evidence, form arguments and present analysis --- skills essential to most careers including law, business, education, medicine and government.

Three out of four employers surveyed by the Association of American Colleges and Universities say they want colleges to place more emphasis on helping students develop five key learning outcomes: critical thinking, complex problem-solving, written communication, oral communication and applied knowledge in real-world settings. These learning outcomes are integral elements of an undergraduate degree in history.

History majors seek jobs in:

- business and industry
- communications
- education
- foreign service
- law enforcement
- museums
- public administration
- social services

History is an excellent foundation for graduate and professional studies in:

- business
- history
- justice studies
- law
- medicine
- public administration
- public history
- theology

Contact Information:

Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

History (Secondary Education), BA (LAHISSEBA)

Campus: Tempe

Program Description:
The secondary education concentration within the BA in history offers a flexible degree for students who are considering a career in education. The concentration program fully prepares students for teaching and certification. At the same time, all the disciplinary knowledge of a traditional history degree provided by the program prepares students for a variety of noneducation careers.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, to perform quantitative as well as qualitative analysis, and to present their findings in compelling ways to all kinds of audiences.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISSEBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- •Discover in the historical record and apply critical reasoning skills to competing perspectives on historical events in order to compare divergent interpretations of historical events and evaluate the explanatory power of each according to its historical context.
- •Discern and articulate matters of historical cause and effect and construct a well-reasoned argument accounting for the necessary and sufficient

causes of historical events.
•Analyze patterns of historical duration or continuity as well as to recognize historical change, and they will understand and be able to articulate the rationale and limits of historical periodization.
•Develop lessons, unit plans, and assessments for secondary history courses.

Global Opportunities:
Global Experience:
Study abroad programs help students gain a global perspective and an increased appreciation for the history, philosophy and religion of different cultures.

The experience and understandings gained across borders can aid students in their future careers. Overcoming challenges through intuition and resourcefulness shows future employers the graduate can tackle any problem that comes up in the workplace. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in history: https://goglobal.asu.edu/students/major/shprs/history (https://goglobal.asu.edu/students/major/shprs/history).

Career Opportunities:
The combination of courses within the secondary education concentration offers a broad education that enables its graduates to be well-prepared for careers in a variety of fields, including:

- archival research
- business and industry
- education
- law and law enforcement
- public history
- publishing
- social work

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Integrated Studies, BA (LAISTBA)

Campus: Tempe

Program Description:
Developed for the academically superior whose interests lie beyond established departmental emphases and boundaries, the integrated studies program provides students who are approved for the major the opportunity to work one-on-one with faculty mentors to create a personalized, focused and coherent course of study that draws its curriculum from more than one academic department or college.

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
This program is not available to first-year students. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

Change of Major Requirements:
This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A"), and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet these qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students pursuing integrated studies are unique, innovative and passionate students with a wide range of interests. With over 250 programs available, studying abroad allows students to tailor their experience to their unique interests and skill sets. Students gain hands-on experience and heightened cultural competency, leadership and critical thinking skills in programs across the globe. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The professional and vocational opportunities provided by the integrated studies degree depends on the area of concentration and the particular focus of study. The integrated studies degree program shares with all other liberal arts and sciences programs in the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry.

Integrated studies graduates are prepared to enter the work force or pursue graduate or professional studies.

Contact Information:
Liberal Arts and Sciences, The College of
Dean, The College of Liberal Arts and Sciences
https://thecollege.asu.edu/degree/undergrad/ba-integrated-studies-ba
ARM 112
thecollege@asu.edu
480-965-6506

Integrated Studies, BS (LAISTBS)

Campus: Tempe

Program Description:
Developed for the academically superior whose interests lie beyond established departmental emphases and boundaries, the integrated studies

program provides students who are approved for the major the opportunity to work one-on-one with faculty mentors to create a personalized, focused and coherent course of study that draws its curriculum from more than one academic department or college.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
This program is not available to first-year students. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

Change of Major Requirements:
This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A"), and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet these qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling 480-965-6506.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students pursuing integrated studies are unique, innovative and passionate students with a wide range of interests. With over 250 programs available, studying abroad allows students to tailor their experience to their unique interests and skill sets. Students gain hands-on experience and heightened cultural competency, leadership and critical thinking skills in programs across the globe. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The professional and vocational opportunities provided by the integrated studies degree depend on the area of concentration and the particular focus of study. The integrated studies degree program shares with all other liberal arts and sciences programs the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry. Integrated studies graduates are prepared to enter the work force or pursue graduate or professional studies.

Contact Information:
Liberal Arts and Sciences, The College of
Dean, The College of Liberal Arts and Sciences

https://thecollege.asu.edu/degree/undergrad/bs-integrated-studies-bs
ARM 112
thecollege@asu.edu
480-965-6506

International Letters and Cultures, BA (LASLCBA)

Campus: Tempe

Program Description:
The BA in international letters and cultures is a degree program grounded in the advanced study of at least one foreign language. It is more transcultural and transdisciplinary than a traditional languages and literatures degree program and is designed to encourage students to explore and challenge the traditional boundaries of cultures, texts and disciplines.

Students work closely with faculty and advisors to choose a program that combines study and research in a minimum of two cultures or disciplines, or in both.

Students must meet with an advisor in the School of International Letters and Cultures to discuss this degree option. It is not recommended for first-year students.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent degrees or a second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad is the perfect transition from the classroom to real life. As students become scholars in language and multiple cultures and in how these intertwine, study abroad enables them to become immersed in the language of their choice while taking courses on literature, history, sociology and more. Students can gain a deeper insight on how common languages and cultures develop in particular areas of the world through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Knowledge of multiple languages and intercultural competencies enhances any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent and media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- translator and interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- international education and study abroad administration
- international law
- military
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-intrnationl-letters--cultures
DH 131
silcadvising@asu.edu
480-965-6281

International Letters and Cultures (Arabic Studies), BA (LASLCASBA)

Campus: Tempe

Program Description:
The BA program in international letters and cultures with a concentration in Arabic studies provides critical and cultural diversity in advanced Arabic language and literature that enriches ASU students' undergraduate experience.

This concentration complements existing degree programs in the School of International Letters and Cultures and enhances studies in social science disciplines such as political science and global studies as well as many humanities fields, including anthropology, history, philosophy and religious studies.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCASBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As students become scholars in the language, cultures and history of the Arabic-speaking world, studying abroad is the perfect transition from the classroom to real life. Students can become culturally and linguistically immersed while gaining a deeper insight on a particular part of the world, like Jordan, the UAE or Morocco. When studying abroad, students gain the global perspective and knowledge that prepare them for a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The bachelor's degree in international letters and cultures with a concentration in Arabic studies provides greater insight into the vast Arab world of 22 countries and can lead to career opportunities in areas such as journalism, translation, international consultations, government (e.g., the U.N. and CIA), social work, law and health.

The program provides a broad knowledge and understanding of the culture, literature and traditions of the vast Arabic-speaking world and prepares students for a thriving job market. The Arabic studies concentration also benefits students interested in academic research and careers in public and diplomatic service as well as in national security.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-ilc-arabic-studies
DH 131
silcadvising@asu.edu
480-965-6281

International Letters and Cultures (Classical Civilization), BA (LASLCVBA)

Campus: Tempe

Program Description:
Classics is a transdisciplinary field that includes the study of the literature, art, history and philosophy of the ancient Greeks and Romans, subjects which fueled the Renaissance and have continued to provide an intellectual foundation for innovative and influential people ever since.

ASU's BA program in international letters and cultures with a concentration in classical civilization provides a thorough grounding in the culture and history of the ancient Greeks or Romans while allowing students to satisfy their language requirement. The program begins with two cores: an introduction to ancient Greek and Roman literature (read in English translation) and knowledge of ancient history. With that basis, students are allowed to build a program to meet their needs and interests. Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- archaeology of the ancient Mediterranean world
- art and architecture of the ancient Egyptians, Greeks and Romans
- mythology and religious practices of the Greeks and Romans
- significant figures such as Plato, Aristotle and Lucretius
- use of the classics in today's film, books and other media

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCVBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying classical civilizations helps renew many of the ideas, languages and societies that have shaped the modern day. Ancient civilizations are brought to life when students see the connections between the past and present. With many study abroad programs throughout Greece and Italy, students can walk the same steps as some of the most famous thinkers, historians and poets in history. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
College graduates with a degree in classical civilization have the valuable experience of studying a culture that is very different from the modern world yet lies at the root of it. This gives them a perspective that serves them well in a variety of disciplines. Classical civilization graduates may consider careers in:

- business
- film, television or multimedia
- K-12 education
- law
- public service
- writing and editing (fiction, journalism, technical writing)

Additional education may be required for some career fields.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-ilc-classical-civilization
DH 131
silcadvising@asu.edu
480-965-6281

International Letters and Cultures (Classics), BA (LASLCCBA)

Campus: Tempe

Program Description:
The BA program in international letters and cultures with a concentration in classics begins with two cores: language skills in ancient Greek or Latin (or, if the student chooses, both) and knowledge of ancient history. With that basis, students build a program to meet their needs and interests. Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- literary classics such as Homer, Sophocles, Virgil and Ovid
- the archaeology of the ancient Mediterranean world
- the art and architecture of the ancient Egyptians, Greeks and Romans
- the mythology and religious practices of the Greeks and Romans
- the thought of figures such as Plato, Aristotle and Lucretius
- the use of the classics in today's film, books and other media

In addition to the concentration in classics, ASU also offers a classical civilization concentration with a similar focus but different language requirements. Students should consult their advisor and choose the concentration that best meets their needs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCCBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying classical civilizations helps renew many of the ideas, languages and societies that have shaped the modern day. Ancient civilizations are brought to life when students see the connections between the past and present. With many study abroad programs throughout Greece and Italy, students can walk the same steps as some of the most famous thinkers, historians and poets in history. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with a degree in the classics possess skills in research and the precise use and analysis of language. The transdisciplinary study of a culture that is very different from the modern world yet lies at the root of it also fosters the ability to view issues from many angles and to think critically about them.

As many employers are well aware, a classics graduate has the training that enables them to solve difficult puzzles, to see through obscure language and to conduct rigorous research on often ill-defined problems. These skills are prized in any field of endeavor. Classics graduates often find careers in:

- business
- Christian ministry
- film, television and multimedia
- law
- politics
- education
- writing and editing (fiction, journalism, technical writing)

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures

https://silc.asu.edu/degree/undergrad/ba-inter-ltrscultures-classics
DH 131
silcadvising@asu.edu
480-965-6281

Italian, BA (LAITABA)

Campus: Tempe

Program Description:
The BA program in Italian offers students an opportunity to study the literature and culture of Italy while gaining a respectable measure of competence in reading, writing, oral and aural skills in the Italian language. Students broaden their knowledge by completing a number of related courses on topics such as:

- art
- film
- government
- history
- literature and culture
- religion

Faculty-directed summer programs in Italy are available for students who wish to study the language and culture while living in the country. Study abroad programs in various cities in Italy are also available during the academic year.

More information on study abroad opportunities may be found at https://silc.asu.edu/silc-studyabroad (https://silc.asu.edu/silc-studyabroad).

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAITABA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad is vital when learning the Italian language and culture. Being immersed in Italy itself adds value to the degree, and the experience prepares students to take off in an exciting, multicultural career with valuable skills employers seek like communication and problem-solving. Students can choose from programs all across Italy or from other countries where Italian is spoken. Programs vary in length, from two weeks to one year. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Italian: https://goglobal.asu.edu/students/major/SILC/italian (https://goglobal.asu.edu/students/major/SILC/italian).

Career Opportunities:
Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent and media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- translator and interpreter
- travel professional

Career fields and occupations in which knowledge of diverse languages and cultures is valuable include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- international business
- international education and study abroad administration
- international law
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-italian
DH 131
silcadvising@asu.edu
480-965-6281

Jewish Studies, BA (LAJSTBA)

Campus: Tempe

Program Description:
The BA in Jewish studies offers a transdisciplinary, cross-cultural program of study focusing on the study of Judaism, defined as the civilization of the Jews. It considers Jewish history and modern life and facilitates enhanced cultural awareness and a global perspective.

As with other degree programs in the humanities, a bachelor's degree program in Jewish studies can provide a balance to studies in contemporary science and technology.

Students choose a thematic concentration from history and society, literature and culture, or religion and thought.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJSTBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Judaism spans back to ancient times, and people of this heritage can be found all over the world. Study abroad programs can help students connect the past to the present by immersing them in places that hold much significance for Jewish peoples, whether in Israel or elsewhere in the diaspora, through one of the more than 250 study abroad programs available. https://goglobal.asu.edu// (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Jewish studies: https://goglobal.asu.edu/students/major/shprs/jewish-studies (https://goglobal.asu.edu/students/major/shprs/jewish-studies).

Career Opportunities:
Students who receive a bachelor's degree in Jewish studies and pursue a career with one of the hundreds of U.S. companies that do business in Israel have a competitive edge because of their familiarity with Jewish culture. Jewish studies graduates are also prepared to:

- attend rabbinical seminary in preparation for becoming a community rabbi or chaplain
- engage in world political and economic issues
- pursue advanced education in Jewish professional service fields

The degree also provides a firm foundation for students who wish to pursue advanced degrees related to their area of interest in fields that may include:

- archaeology
- creative writing
- ethics
- film and media
- history
- journalism
- justice studies
- law
- philosophy
- political science
- religious studies

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSAdvising@asu.edu
480-965-8364

Justice Studies, BA (LAJUSBA)

Campus: Tempe, Online

Program Description:
Justice studies is an innovative social science and liberal arts program that examines contemporary social justice in a variety of contexts, including inequality, race, gender, citizenship, indigeneity and other significant areas.

This program provides a broad approach to understanding justice including in the legal system as well as in wider social contexts, such as in the many social justice issues that occur across countries and cultures. The BA program provides students the kind of broader perspective required in today's workforce, through a liberal arts focus and the requirement to enroll in language courses.

This program equips students with a dynamic knowledge of the world's justice systems and gives them the skills to create meaningful, real-world change.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Justice Studies, MS
Science and Technology Policy, MSTP
Social and Cultural Pedagogy, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/justice-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJUSBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Analyze a current justice issue.
- •Demonstrate an understanding of key concepts and methodologies in the field.
- •Apply foundations and principles in justice studies to research or community engagement.

Global Opportunities:
Global Experience:
Human rights, violence, resource conflict and immigration are some of the issues that every country currently faces in some form or another. One of the best ways students can investigate potential solutions is by observing patterns from one culture to another, when studying abroad. Students who study issues of justice in another culture can bring a new lens to their own experience in order to become positive changemakers in the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in justice studies: https://goglobal.asu.edu/students/major/sst/justice-studies (https://goglobal.asu.edu/students/major/sst/justice-studies).

Career Opportunities:
Students emerge from this program with knowledge and skills designed to bring social justice concerns to their professional careers. Program graduates work in a variety of fields, including:

- administration
- business
- economics
- education
- human welfare and social work
- international relations
- law
- nongovernmental organizations
- politics
- public service fields

Many graduates go on to law school, graduate school or other professional degree programs.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Justice Studies, BS (LAJUSBS)

Campus: Tempe, Online

Program Description:
Justice studies is an innovative social science and liberal arts program examining current social justice issues. Students explore social justice in the context of inequality, race, gender, citizenship, indigeneity or other major contemporary issues.

This program provides a broad approach to understanding justice that includes the legal system and wider social contexts. To provide students with the analytical skills required of today's workforce, the BS degree program offers a social science focus and requires students to enroll in a quantitative data analysis course.

In this program, students use multiple research methodologies to understand social justice issues in diverse settings and working with a variety of people and cultures. The skills gained allow students to create real-world change.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Justice Studies, MS
Science and Technology Policy, MSTP
Social and Cultural Pedagogy, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-justice-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJUSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Analyze a current justice issue.
- •Demonstrate an understanding of key concepts and methodologies in the field.
- •Apply foundations and principles in justice studies to research or community engagement.

Global Opportunities:
Global Experience:
Human rights, violence, resource conflict and immigration are some of the issues that every country currently faces in some form or another. One of the best ways students can investigate potential solutions is by observing patterns from one culture to another, when studying abroad. Students who study issues of justice in another culture can bring a new lens to their own experience and become positive changemakers in the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in justice studies: https://goglobal.asu.edu/students/major/sst/justice-studies (https://goglobal.asu.edu/students/major/sst/justice-studies).

Career Opportunities:
Students emerge from this program with the knowledge and skills designed to bring social justice concerns to their professional careers. Program graduates work in a variety of fields, including:

- advocacy
- business

- economics
- education
- human welfare and social work
- international relations
- law
- nongovernmental organizations
- politics
- public service fields

Many graduates go on to law school, graduate school or other professional degree programs.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Mathematics, BA (LAMATBA)

Campus: Tempe

Program Description:
Math is the science of problem-solving. Students in the BA degree program in mathematics apply the critical thinking and problem-solving skills they learn to many endeavors.

Students acquire a strong general mathematics background but retain the flexibility to pursue other areas of interest through a minor or even a second major. Combining a second area of study such as business, economics, social sciences, engineering, life sciences, or computer science creates a powerful combination for future career goals.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATBA~null + &college=CLA) to outline a list of recommended courses to

take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students studying mathematics are able to gain valuable hands-on experience in programs such as a summer in Colombia and a semester in Ireland.

Graduates who possess heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive job market. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The Bachelor of Arts program in mathematics is an fantastic option for students interested in how math impacts the world around us. It is also a top option for international students looking for a general math background.

A Bachelor of Arts degree in mathematics can be the springboard for many different careers in fields such as:

- business management
- computer engineering
- education
- financial analysis
- health care
- law
- medical science
- teaching
- technology

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Mathematics, BS (LAMATBS)

Campus: Tempe

Program Description:
The BS degree program in mathematics offers a grounding in both theoretical and applied mathematical concepts.

Classes cover a broad spectrum of advanced mathematical topics, including differential equations, modeling, numerical analysis, number theory, cryptography and real analysis.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Mathematics, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students studying mathematics are able to gain hands-on experience in programs such as a summer in Colombia and a semester in Ireland.

Graduates who have the heightened cultural competency and leadership and critical thinking skills they acquired through their study abroad experience may stand out in a competitive job market. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Mathematics is foundational and can be applied to many different types of careers in many fields. It is a crucial part of engineering, life sciences, business, economics and social sciences.

Graduates with a bachelor's degree in mathematics can pursue careers in fields as diverse as computer science, finance, biotechnology, engineering, medical research and education. These are just a few of the top careers possible with a Bachelor of Science in mathematics:

- cryptographer
- data analyst
- engineer
- financial analyst
- mathematician
- operations research analyst
- statistician
- teacher

Many undergraduate math majors also pursue graduate studies in medicine or law.

Students interested in a career in teaching or education may also consider the bachelor's degree in mathematics concentration in secondary education. https://math.asu.edu/content/mathematics-secondary-education (https://math.asu.edu/content/mathematics-secondary-education)

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Mathematics (Secondary Education), BS (LAMATSBS)

Campus: Tempe

Program Description:
The BS program in mathematics with a concentration in secondary education provides an excellent pathway for students interested in teaching.

By focusing on how people best learn mathematical concepts, students gain a unique understanding of how people understand the world around them. Students acquire strong content knowledge in diverse areas of math and the skills to convey these concepts to others. This degree program offers a deeper mastery of mathematics coupled with the ability to handle the challenges of a high school classroom.

Students who wish to teach at the secondary level take courses preparing them to earn certification in the state of Arizona through this program. By providing a carefully designed curriculum of courses and instructional experiences, this program helps students develop the deep understandings and connections needed for being a highly effective mathematics teacher.

Graduates emerge equipped to provide mathematics instruction that is coherent, meaningful and challenging.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the students in their classrooms. Students can enhance their mathematics degree with a study abroad program, in which they can boost their communication skills and gain firsthand experience in a wide range of cultures and communities. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The mathematics degree with a secondary education concentration provides a fantastic preparation for careers in teaching and education. In addition to the option of teaching high school mathematics, additional options for jobs in diverse fields include:

- business
- finance
- industry
- technology

Graduates can also choose to pursue graduate studies in mathematics or mathematics education.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Mathematics (Statistics), BS (LAMATTBS)

Campus: Tempe

Program Description:
In the BS program in mathematics with a concentration in statistics, students learn innovative statistical, mathematical and computational methods.

Using statistical methods, students discover how to generate insights that inform fact-based decision-making and research. They use cutting-edge techniques to study and understand methods of statistical inference and explore strategies for dealing with uncertainty.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Statistics, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATTBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students pursuing the statistics concentration are able to gain hands-on experience in programs such as a summer in Colombia and a semester in Ireland.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market. Based on factors like pay, growth and job satisfaction, statistics has been named in separate job reports as one of the best careers. The U.S. Bureau of Labor Statistics projects 35% growth rate in the need for employees trained in statistical analysis.

For students pursuing a bachelor's degree in mathematics with a concentration in statistics, that means an exciting future of career opportunities in fields as diverse as business, finance, economics, engineering, biostatistics, technology, sports, marketing, government and more.

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Microbiology, BS (LAMICBS)

Campus: Tempe

Program Description:
The BS degree program in microbiology places emphasis on understanding microorganisms and their interrelationships with other organisms in nature and on the influence of microorganisms in biomedicine and biotechnology.

Despite their size, microbes are fundamental to life on Earth and compose the majority of all Earth's life forms. In addition to their essential contributions to the natural world, microbes have been model experimental subjects due to their impact on human health and ease of manipulation in the laboratory. A significant portion of medical research employs microbiological and immunological methods in order to examine basic genetic and biological phenomena.

Students in the microbiology degree program study the background and current findings in the field and also acquire the critical thinking, laboratory and field skills required to succeed in a career in science.

The major provides excellent training for premedical, predental, preveterinary and prepharmacy students as well as advanced study in microbiology and immunology.

This program is available as an accelerated degree program. Students can visit this website to learn more about accelerated degree programs: https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology, MS
Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMICBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable, resume-enhancing experience when studying abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students studying microbiology are able to expand their knowledge of how microbes impact people and society in a variety of cultures and challenge themselves to adapt and persevere in a new and exciting culture. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in microbiology. https://goglobal.asu.edu/students/major/sls/microbiology (https://goglobal.asu.edu/students/major/sls/microbiology)

Career Opportunities:
The discipline of microbiology is diverse and the job opportunities for microbiologists are enormous. Graduates with a degree in microbiology have opportunities for employment in government, hospitals, and research or industrial laboratories. Many students are also prepared for admission into graduate school and advanced study in dentistry, medicine, veterinary medicine and pharmacy.

Career examples include those shown in the following list; advanced degrees or certifications may be required for academic or clinical positions:

- government
- hospitals
- industrial laboratories (food, dairy, chemical, pharmaceutical, environmental and biotechnology companies)
- public health laboratories
- research laboratories

Many students are also suitably prepared for admission into graduate school and advanced study in these fields:

- dentistry
- medicine
- pharmacy
- veterinary medicine

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/microbiology
LSA 189
sols.advising@asu.edu
480-727-6277

Microbiology (Medical Microbiology), BS (LAMICMBS)

Campus: Tempe

Program Description:
The medical microbiology concentration serves students in the BS in microbiology degree program who aim to pursue careers in health professions, medical microbiology or biomedical research.

The curriculum aligns with the scientific competencies recommended for premedical students in a report of the American Medical Colleges and the Howard Hughes Medical Institute Committee and are also reflected in the 2015 changes to the MCAT. Coursework includes many of the courses in the microbiology major, including chemistry, biochemistry, math and physics, with some microbiology courses replaced by cell biology, animal physiology and courses that relate to human biology and society to emphasize core concepts, competencies and critical intellectual skills necessary to succeed in medical school or biomedical research. The concentration includes coursework that students need to prepare for the MCAT or

medical school admission.

This program is available as an accelerated degree program. Students can visit this website to learn more about accelerated degree programs: https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology, MS
Global Management, MGM
Microbiology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMICMBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students pursuing a medical microbiology concentration are able to expand their knowledge of how human biology is impacted by a variety of societies and cultures, and they challenge themselves to adapt and persevere in a new and exciting culture. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in medical microbiology:

https://goglobal.asu.edu/students/major/sls/microbiology-medical-microbiology (https://goglobal.asu.edu/students/major/sls/microbiology-medical-microbiology).

Career Opportunities:
Graduates of the bachelor's degree program in microbiology with a concentration in medical microbiology have fulfilled the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields and by programs which prepare students to be physician assistants or physical therapists.

They have knowledge of foundational concepts in biological sciences, chemistry, physics and statistics as well as the ability to understand and apply core microbiology concepts. Additionally, they have a practical understanding of the process of science, preparing them for a career in research. They are prepared to enter research in a number of areas including cellular biology, immunology, bacteriology and virology.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/microbiology-medical-microbiology
LSA 189
sols.advising@asu.edu
480-727-6277

Molecular Biosciences and Biotechnology, BS (LAMBBBS)

Campus: Tempe

Program Description:
The BS program in molecular biosciences and biotechnology encompasses many of the cutting-edge disciplines in life sciences research. Biotechnology is an exciting, rapidly growing field with major applications in agriculture (green biotechnology, leading to improved crops or production of vaccines in plants), health care (red biotechnology, leading to better therapeutics, diagnostics and personalized medicine) and industry (white biotechnology, leading to sustainable production of energy, enzymes and chemicals).

This molecular biosciences and biotechnology degree program focuses on the interface between molecular biology and biotechnology. The interface drives major advancements in knowledge and applied research and development, such as the development of next-generation biomedical products or biofuels. Hands-on research and the capstone course with both science and business or entrepreneurial components round out this exciting program.

This program is available as an accelerated degree program. Students may visit this website to learn more about accelerated degree programs: https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science (https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry (Medicinal Chemistry), MS
Biology, MS
Global Management, MGM
Microbiology, MS

Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMBBBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable, resume-enhancing experience when studying abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in molecular biosciences and biotechnology are able to expand their knowledge of how science impacts society in a variety of cultures and how technology and culture intertwine across the globe. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in molecular biosciences and biotechnology: https://goglobal.asu.edu/students/major/sls/molecular-biosciences-biotechnology (https://goglobal.asu.edu/students/major/sls/molecular-biosciences-biotechnology).

Career Opportunities:
The molecular biosciences and biotechnology degree program provides an excellent background and training for a growing number of careers that incorporate this innovative area of the molecular life sciences. Independent research and courses with classroom plus lab components result in a solid base of knowledge and practical expertise in biotechnology and the molecular biosciences, providing many options for further education or for entering the workforce.

Many molecular biosciences and biotechnology graduates enter graduate programs in a molecular biosciences and biotechnology-related area. A number also enroll in medical school, other health-related professional programs or in other advanced programs. Graduates also have the knowledge and technical skills to enter the biotechnology workforce in an area matching their expertise and interest.

The molecular biosciences and biotechnology program has a faculty mentoring program which provides students with the opportunity to speak with faculty regarding career choices, selection and timeline of major courses and of independent research projects, and much more.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/molecular-biosciences-biotechnology
LSA 189
sols.advising@asu.edu
480-727-6277

Neuroscience, BS (LABMENBS)

Campus: Tempe, Online

Program Description:
Neuroscience is concerned with understanding the structure and function of the brain and nervous system and how they relate to behavior and cognitive processes and experience. The field of neuroscience spans all levels of biological analysis with interfaces to many fields such as mathematics, psychology, philosophy, medicine, law and engineering.

The BS program in neuroscience consists of rigorous, in-depth training in the interdisciplinary foundations of neuroscience (biology, chemistry and psychology) along with breadth of training across the main areas of neuroscience, defined by distinct levels of analysis:

- behavioral neuroscience: how the brain and nervous system control behavior
- cellular and molecular neuroscience: how cells in the nervous system work
- cognitive neuroscience: how brain activity underlies thoughts and emotions
- systems neuroscience: how the billions of neurons work together

Following coursework in their specific area of specialization, students are prepared for collaborative and interdisciplinary research in neuroscience. The degree program also enables students to enter professional degree graduate programs and to integrate innovative outcomes from the research community into their practices.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
or MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology (Biology and Society), MS
Biology, MS
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/neuroscience-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABMENBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring concurrently in neuroscience are able to expand their communication and research skills in a variety of cultures and challenge themselves to adapt and persevere in a new and exciting culture. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring concurrently in neuroscience: https://goglobal.asu.edu/students/major/sls/neuroscience (https://goglobal.asu.edu/students/major/sls/neuroscience).

Career Opportunities:
The bachelor's degree in neuroscience prepares students for work in fields such as:

- academic research
- bioengineering
- biotechnology
- data science
- medical research
- medicine
- neuropsychology
- pharmaceutical research and development
- physical rehabilitation
- speech rehabilitation

Graduates are also competitive for entry into graduate-level programs in biomedical fields that prepare them for careers in medicine, nursing, clinical professions, technology or veterinary medicine.

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/
PSY 202
psych.advisor@asu.edu
480-965-7258

Philosophy, BA (LAPHIBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:
The BA in philosophy teaches students how to think well, which in turn lays the foundation for personal and professional success.

Philosophy students learn how to structure arguments, write precisely and clearly, and communicate their ideas in an orderly, persuasive and unambiguous way. Many philosophical texts are complicated, and philosophy courses teach students how to read, comprehend and summarize conceptually difficult material. In short, studying philosophy trains one to be a better, clearer thinker.

Coursework includes the major subfields of philosophy, such as metaphysics, epistemology and ethics, and electives that connect philosophy to

other areas of inquiry, emphasizing the social relevance of philosophy.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-philosophy/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHIBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- •Present and defend a philosophical view using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.
- •Present and explain central philosophical positions from key figures in the historical development of philosophical thought, especially their metaphysical and epistemological positions.
- •Evaluate how well different normative ethical theories such as consequentialism, deontology, virtue theory provide moral standards that dictate which (if any) actions are right and wrong or how well different metaethical theories such as realism, expressivism, relativism, and nihilism account for the meaning and truth of moral claims.
- •Evaluate arguments for formal validity and construct formal proofs. Students will be able to capture the logical form of prose arguments.

Global Opportunities:
Global Experience:
Students can explore the diverse range of cultures and philosophies around the globe. With over 250 unique programs, students can tailor their study abroad experience to their interests and skill sets. Study abroad programs help students gain valuable skills such as problem solving, communication, adaptability and cultural competency, skills that enhance their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in philosophy: https://goglobal.asu.edu/students/major/shprs/philosophy (https://goglobal.asu.edu/students/major/shprs/philosophy).

Career Opportunities:
Philosophy alumni are well prepared for leadership roles whatever path they take, whether it be in business, law, politics, medicine or education.

The analytical, rhetorical and writing skills developed through the study of philosophy provide ideal preparation for careers in a wide range of fields, including:

- business
- education
- journalism
- law
- medicine
- public service

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:
The BA in philosophy with a concentration in morality, politics and law combines the basic analytical approaches of philosophy with an emphasis on the moral questions that arise in political theory and law. The foundations of political and legal systems are moral values, such as individual liberty, equality and justice. These are contested values, open to different understandings of their nature and implications.

Students explore the nature of morality, political theory, legal theory and the interconnections between them. Students complete philosophy courses as well as courses from disciplines related to philosophy to enrich and enliven their understanding of the intersections of morality, politics and law. This degree program is of special interest to students planning to pursue postgraduate work in law, policy or politics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/philosophy-morality-politics-and-law-ba/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which

come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHIMPBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- •Present and defend a philosophical view about a specific sub-topic in philosophy using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.
- •Evaluate how well different normative ethical theories such as consequentialism, deontology, virtue theory, provide moral standards that dictate which (if any) actions are right and wrong.
- •Evaluate different approaches to constitutional interpretation and their application to actual case law.
- •Apply the concept of formal validity and the rules of deductive inference to evaluate the deductive validity of prose arguments and to construct formalized proofs in symbolic logic.

Global Opportunities:
Global Experience:
Students can explore the diverse range of cultures and philosophies around the globe. With over 250 unique programs, students can tailor their study abroad experience to their interests and skill sets. Study abroad programs help students gain valuable skills such as problem-solving, communication, adaptability and cultural competency, skills that enhance their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in philosophy with a concentration in morality, politics and law: https://goglobal.asu.edu/students/major/shprs/philosophy (https://goglobal.asu.edu/students/major/shprs/philosophy).

Career Opportunities:
Graduates are prepared for career opportunities in law, policymaking and analysis, politics and intelligence work. For example, graduates may find employment with the U.S. Department of State, the Central Intelligence Agency or the United States Department of Justice. The program is excellent preparation for law school.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Philosophy (Science, Nature and Mind), BA (LAPHISNMBA)

Campus: Tempe

Program Description:
The BA program in philosophy with a concentration in science, nature and mind combines training in philosophy with an emphasis on those questions raised by the natural, social and cognitive sciences.

Scientific investigation of the physical world and the mind inevitably makes assumptions about what sorts of things are real, the relationship of physical systems to conscious thought, and the nature of scientific explanation. The natural and social sciences are thus connected with philosophical views in metaphysics and epistemology. In addition, more applied areas of science such as those concerned with sustainability and new technologies raise ethical and policy questions as well as questions about humans' moral relationship to the natural world.

Students enrich their understanding of the natural and social sciences through courses in philosophy as well as courses from related disciplines. Students who want to complement a science major with a second major in the humanities, and students who wish to do postgraduate work in medicine, sustainability or technology can find a great fit for their interests in this program.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHISNMBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Present and defend a philosophical view about a specific sub-topic in philosophy using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.
- •Evaluate how well such different theories of mind as dualism, behaviorism, identity theory, functionalism and eliminativist materialism solve the mind-body problem and the problem of explaining phenomenal consciousness.
- •Evaluate different approaches to understanding the nature of scientific justification, the aims of science and how they can be achieved, and what makes some theories preferable to others.
- •Apply the concept of formal validity and the rules of deductive inference to evaluate the deductive validity of prose arguments and to construct formalized proofs in symbolic logic.

Global Opportunities:
Global Experience:
Students can explore the diverse range of cultures and philosophies around the globe. With over 250 unique programs, students can tailor their study abroad experience to their interests and skill sets. Study abroad programs help students gain valuable skills such as problem solving, communication, adaptability and cultural competency that enhance their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in philosophy with a concentration in science, nature and mind: https://goglobal.asu.edu/students/major/shprs/philosophy (https://goglobal.asu.edu/students/major/shprs/philosophy).

Career Opportunities:

The analytical, writing and problem-solving skills provided by a philosophy major are highly transferrable to a very wide range of jobs, and students with a degree in philosophy have the highest median income of all humanities graduates.

Graduates of the science, nature and mind concentration are prepared for career opportunities in medical and mental health fields, climate change areas and sustainability, information and policy analysis, and scientific and nature education and writing. For example, graduates may find employment with the U.S. Environmental Protection Agency.

This program also provides excellent preparation for students interested in medical school.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Physics, BA (LAPHYBA)

Campus: Tempe, Online

Program Description:
Physics is concerned with the nature, structure and interactions of matter and radiation. The BA program in physics provides a flexible and efficient option for students who are interested in a liberal arts degree with broad knowledge of physics. This degree program also is ideal for students seeking to complete two degrees, with physics as the second degree.

The program combines innovative learning methods with time-tested classroom and laboratory experiences for an education that is thorough in physics training and flexible enough to encourage interdisciplinary opportunities in areas such as chemistry, biology and materials science.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students majoring in physics can study abroad in one of over 250 programs available. A study abroad experience offers a way to supplement the ASU experience as well as the chance to build helpful, resume-boosting skills that employers seek. Students who study abroad improve their communication skills, can learn to adapt to unforeseen challenges and expand their worldview through international experiences that open them to different points of view. Students can find more information on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with a Bachelor of Arts degree in physics may pursue such careers as:

- patent scientist
- radiation physicist
- research or lab assistant
- science writer
- secondary science teacher
- technology support analyst

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://thecollege.asu.edu/degree/undergrad/ba-physics
PSF 470
physics.undergrad@asu.edu
480-965-3561

Physics, BS (LAPHYBS)

Campus: Tempe, Online

Program Description:
Physics is concerned with the nature, structure and interactions of matter and radiation.

The BS degree program in physics provides students a solid foundation in physical science and mathematics, which is appropriate for further graduate study in physics, other sciences or engineering programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
OR MAT 265 Calculus for Engineers I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Materials Science and Engineering, MS
Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A") for all critical classes they have completed.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/physics-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience which enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in physics can gain hands-on experience in programs in a variety of countries around the world.

Graduates who possess the heightened cultural competency, leadership and critical thinking skills acquired when studying abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The broad range of applicability of the principles of physics gives the physicist great flexibility in a choice of career or further education. About half of the graduates with a bachelor's degree in physics go on to graduate school in:

- astronomy
- engineering
- medicine
- physics

Others go directly into employment in areas such as:

- business
- education
- engineering
- materials science

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://thecollege.asu.edu/degree/undergrad/bs-physics
PSF 470
physics.undergrad@asu.edu
480-965-3561

Physics (Secondary Education), BS (LAPHYSEBS)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BS program in physics with a concentration in secondary education provides rigorous training in physics and in education. Physics is the cornerstone of STEM disciplines --- science, technology, engineering and mathematics.

In addition to gaining a solid foundation in physical science and mathematics, students acquire the knowledge and skills needed to enter the secondary school teaching profession as a certified physics teacher or attend graduate school for physics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYSEBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the

students in their classrooms. Students can enhance their physics degree with a study abroad program, in which they gain firsthand experience of a wide range of cultures and communities. Programs can be found in more than 65 countries, such as Mexico and Finland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The shortage of highly qualified physics teachers in every state is an ongoing problem. This concentration is designed to produce more and better-qualified physics teachers to meet local and national needs. Graduates are recommended by the Mary Lou Fulton Teachers College for certification by the State of Arizona.

Graduates of the secondary education concentration have the flexibility to select from jobs in diverse fields. The combination of science and education curriculum provides a range of career choices, such as:

- business
- engineering
- materials science
- secondary education

They can also choose to pursue graduate studies in:

- astronomy
- education
- engineering
- medicine
- physics

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://thecollege.asu.edu/degree/undergrad/bs-physics-secondary-education
PSF 470
physics.undergrad@asu.edu
480-965-3561

Political Science, BA (LAPOSBA)

Campus: Tempe, Online

Program Description:
The BA program in political science offers a variety of courses and opportunities to study politics and policies at the local, national and global levels. The program aims to provide students with the tools and skills they need to link theory with real-world problems and issues.

Study how citizens interact with their governments and how governments at all levels formulate policies to serve or not serve their citizens. From U.S. elections and lobbying to international issues of terrorism, diplomacy and empowerment, students can learn about politics and explore innovative approaches to today's emerging challenges.

With coursework in several areas of political science and broad exposure to ASU's liberal arts offerings, the Bachelor of Arts degree in political science produces well-rounded learners with strong research and writing skills.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Security (Cybersecurity), MA
Global Security, MA
Political Psychology, MA
Political Science, MA
Public Administration, MPA
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-political-science/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPOSBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can experience firsthand the diverse political and social powers governing communities around the globe. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in political science can enhance their learning by gaining a global perspective on political theory and world affairs in countries under regime types like communism and monarchies. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in political science: https://goglobal.asu.edu/students/major/spgs/political-science (https://goglobal.asu.edu/students/major/spgs/political-science).

Career Opportunities:
Graduates have skills useful for success in political or governmental careers, law school, graduate study, business or the nonprofit sector. Many program graduates have found positions in the following:

- foreign service organizations
- legislative staff organizations
- lobbying and advocacy groups
- local and national media organizations
- local, national and global nonprofit organizations
- multinational corporations
- national, state, and local government agencies
- political consulting
- research institutions
- the courts and judicial administration

In addition, some graduates have gone on to other top tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- education
- foreign service
- journalism
- law
- political science
- public service

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Political Science, BS (LAPOSBS)

Campus: Tempe, Online

Program Description:
The BS program in political science is useful for students who are looking for careers that require analytical thinking and quantitative skills.

Students study how citizens interact with their governments and how governments at all levels formulate policies to serve, or not serve, their citizens. From domestic elections and lobbying to the international issues of terrorism, diplomacy and empowerment, students can apply what they learn as they explore innovative approaches to today's emerging local, national and global challenges.

The program offers a variety of courses and opportunities to study politics and public policy at the local, national and global levels. By providing experience with the analysis of political statistics, this degree program acquaints students with quantitative application skills.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Security (Cybersecurity), MA
Global Security, MA
Political Psychology, MA
Political Science, MA
Public Administration, MPA
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-political-science/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPOSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can experience firsthand, through study abroad, the diverse political and social powers governing communities around the globe. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in political science can enhance their learning by gaining a global perspective on political theory and world affairs in countries under regime types like communism and monarchies. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in political science: https://goglobal.asu.edu/students/major/spgs/political-science (https://goglobal.asu.edu/students/major/spgs/political-science).

Career Opportunities:
Graduates have skills useful for careers in public policy and other analytical positions in or related to government and politics. Many graduates of this degree program have found positions in:

- foreign service organizations
- legislative or judicial staff organizations
- lobbying and advocacy groups

- local and national media organizations
- local, national and global nonprofit organizations
- multinational corporations
- national, state and local government agencies
- political consulting
- research institutions
- survey research

In addition, some graduates have gone on to other top tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- data science
- education
- foreign service
- journalism
- law
- political science
- public service

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Politics and the Economy, BS (LAPECBS)

Campus: Tempe

Program Description:
The BS program in politics and the economy prepares students for careers that require a sophisticated understanding of the relationship between politics and the economy.

This degree is a response to the growing recognition that many of the world's most pressing problems (e.g., growth and development, tax reforms and climate change) are fundamentally political and economic problems. The program combines core courses in economics and political science. Utilizing the strengths of both the ASU Department of Economics and the School of Politics and Global Studies, students graduate with strong quantitative and modeling skills and a rich understanding of political context.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Political Science, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic

departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
All students are required to meet general university admission requirements.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPECBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students can study both politics and economics from different standpoints while studying abroad. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. It can help them explore how other countries and cultures approach their most pressing problems, giving students insights they can apply in their future careers. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
According to external forecasters of employment growth (U.S. Department of Labor and U.S. News & World Report), job opportunities for graduates of the politics and the economy degree program are expected to grow as fast or faster than the average growth of the labor force. These forecasters note that the demand for graduates grounded in economics and political science is driven by the growing complexity of the global economy, the increased implementation of financial regulations in wealthier nations and the growing competitiveness of the business environment.

In terms of specific sectors, graduates are well prepared for entry positions in government at all levels (local, state and federal) and in business, economic and political consulting, and law. They are also prepared to pursue advanced degrees in law, business, economics or political science.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://wpcarey.asu.edu/economics-degrees/undergraduate
CRTVC 412
wpcareyecn@asu.edu
480-965-3531

Psychology, BA (LAPGSBA)

Campus: Tempe

Program Description:
In addition to coursework, the BA in psychology offers students the opportunity to work alongside renowned faculty researching exciting new questions. Students explore the complex answers to many of the mysteries of human and animal behavior, such as how humans manage stress, emotions, conflict and how body image affects a sense of identity. Students are also able to apply their knowledge in internships that help them identify and prepare for interesting careers that involve psychology.

The study of psychology prepares students with support and answers not only for the transition into their work lives but also for other important life roles. The Department of Psychology is committed to providing continued support and answers to its graduates as they use that foundation of

psychology in their own lives as they transition into jobs, careers, marriage and families. Undergraduates in the psychology major have access to a mentorship network of alumni to help mentor and provide support throughout their academic careers.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 119 - Finite Mathematics
or MAT 170 Pre-Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:
Transfer applicants must meet university transfer admission requirements.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad allows students in the psychology program to acquire additional skills that enable them to stand out in many career fields. Students are exposed to unique differences in human behavior worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Opportunities exist worldwide, including in Singapore, Australia and Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in psychology: https://goglobal.asu.edu/students/major/psychology (https://goglobal.asu.edu/students/major/psychology).

Career Opportunities:
The Bachelor of Arts in psychology provides students the opportunity to develop a broad range of highly marketable skills, including analytical skills, writing and public speaking skills as well as teamwork and leadership skills.

Graduates are prepared for many careers in a variety of settings that provide opportunities to apply concepts and principles of psychology. They also are prepared for pursuit of graduate degrees in academic or clinical psychology or in such fields as counseling, social work, family therapy and law.

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/
PSY 202
psych.advisor@asu.edu
480-965-7258

Psychology, BS (LAPGSBS)

Campus: Tempe

Program Description:
In the BS program in psychology, students discover the ways in which psychology combines with other STEM disciplines in the study of how the brain and behavior impact all aspects of the human experience.

Students acquire basic knowledge of psychology theory and practice. They develop skills in research analysis, critical thinking and the ability to interact effectively with a range of diverse groups across scientific interests and disciplines.

In addition to coursework, they gain hands-on experience by working with renowned world-class faculty researching the brain, mind and behavior. Students can prepare for interesting careers using psychology by working in functioning research laboratories studying the complexities of human and animal behavior.

The Department of Psychology is known for and is committed to providing continued support and answers to its graduates as a foundation for their personal transition into careers, marriage, families and other important life roles. Undergraduates in the psychology major also have access to a mentor network of alumni to help mentor and provide support throughout their academic careers.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematics
or MAT 170 Pre-Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic

departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:
Transfer applicants must meet university transfer admission requirements.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Through study abroad programs, students are exposed to unique differences in human behavior worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Opportunities exist worldwide, including in Singapore, Australia and Ireland. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in psychology: https://goglobal.asu.edu/students/major/psychology (https://goglobal.asu.edu/students/major/psychology).

Graduates of the psychology program who have study abroad experience are positioned to stand out in many career fields.

Career Opportunities:
Graduates are well positioned for advanced research and graduate study in psychology, the health sciences, law and other graduate level degrees and programs. The Bachelor of Science degree program also prepares graduates for direct entry into a wide field of career options.

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/
PSY 202
psych.advisor@asu.edu
480-965-7258

Psychology (Psychological Science), BS (LAPGSPSBS)

Campus: Tempe

Program Description:
In addition to coursework, the BS program in psychology with a concentration in psychological science offers students the opportunity to work alongside renowned faculty researching exciting new questions. Students study human and animal behavior, such as how humans manage stress and emotions and how body image affects a sense of identity. They also are able to apply their knowledge through internships that help prepare them for interesting careers that provide opportunities for them to use their knowledge of psychology.

The Department of Psychology expects to provide its graduates with a foundation of psychology that may be applied in their own lives, not only for their transition into jobs and careers, but also in marriages, families and other important aspects of life. Undergraduates in the psychology major also have access to a mentorship network of alumni to help mentor and provide support throughout their academic careers.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 119 - Finite Mathematics
Or MAT 170 Pre-Calculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The BS in psychology with a concentration in psychological science is open to students who have:

- completed the critical courses for a BS in psychology (ENG 101, ENG 102, MAT 251 or MAT 270, PSY 101, PSY 230, PSY 290) with a "C" or better
- earned at least 45 credit hours
- earned at least an ASU cumulative GPA of 3.00

Students must maintain at least a cumulative GPA of 3.00 from admittance through graduation.

Change of Major Requirements:
Students must have completed all critical courses for the BS in psychology (ENG 101, ENG 102, MAT 119 or MAT 170, PSY 101, PSY 230, PSY 290) with a "C" (2.00 on a 4.00 scale) or better, and have earned at least 45 earned credit hours.

Students must maintain a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") from admittance through graduation.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSPSBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students are able to enhance their understanding of human interaction, culture and behavior through unique cultural experiences by studying abroad. Programs can be found in a wide range of countries, from Spain to Israel. Students gain heightened cultural competency and communication and critical thinking skills while exploring a new and exciting part of the world. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The bachelor's degree program in psychology with a concentration in psychological science prepares graduates for careers as researchers, teachers or clinicians, or for graduate study. The program is also ideal preparation for professional postgraduate programs in the fields of law and medicine.

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/
PSY 202
psych.advisor@asu.edu
480-965-7258

Religious Studies, BA (LARELBA)

Campus: Tempe, Online

ASU is not currently accepting applications for this program. Interested students should apply to the concentration in religion, culture and public life (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LARELCPBA/undergrad/false) or the concentration in religion, politics and global affairs (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LARELPGBA/undergrad/false).

Program Description:
Religion is an important part of human experience. Religious understanding informs and shapes politics, literature, philosophy, art and science as well as the daily life of millions around the globe. An understanding of religious traditions is critical to understanding a shared past and present and to navigating toward a shared future.

Students who pursue the BA in religious studies come from a wide diversity of faiths, cultural backgrounds and intellectual interests. What many find fascinating and exciting about religious studies is that it draws from a wide variety of disciplines --- history, philosophy, anthropology, literature, political science and theology, to name a few. Course offerings reflect a diversity of approaches (historical, anthropological, ethical and theological), regions (North America, South America, Europe, Middle East, Africa, South Asia and Southeast Asia) and traditions (Buddhism, Christianity, Hinduism, Islam, Judaism and Native American traditions).

Students study global religious traditions to examine human interaction and explore the root beliefs and values of diverse cultures. This interdisciplinary program combines teachings of history, philosophy, anthropology, literature, political science and theology and helps students develop critical thinking and writing skills.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-religion-culture-and-public-life-ba/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Formulate a thesis about a significant issue in religious studies.
- •Address and analyze a scholarly issue in religious studies.
- •Develop a sustained, evidence-based argument about a significant issue in religious studies.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in religious studies: https://goglobal.asu.edu/students/major/shprs/religious-studies (https://goglobal.asu.edu/students/major/shprs/religious-studies).

Career Opportunities:
Students interested in careers in local, state, regional and national communities find transdisciplinary encouragement and support in the Bachelor of Arts degree program in religious studies.

Students who are attracted to international study find the undergraduate program rich in multicultural coursework and study abroad opportunities.

Religious studies students find many opportunities for practical experience leading to careers in the academic study of religion, in public service, in governmental and nongovernmental agencies, and in professional careers in a variety of organizations, including all of the helping professions.

Graduates have gone on to careers in such fields as diplomacy, development and teaching or have pursued professional degrees in areas such as law, public policy and counseling.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Religious Studies (Religion, Culture and Public Life), BA (LARELCPBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:
The BA in religious studies with a concentration in religion, culture and public life approaches religion as a mode of human culture, as constituted in intellect, language, emotion, practice, art and everyday life.

The program focuses on the role religions play in the formation of cultural identities, traditions, norms and memories, and it examines in particular the impact religions have on culturally specified ways people reason, communicate, socialize, work, entertain, dress, eat, live and die. Special consideration is given to the influence of religion on gender roles and sexual norms; the formation of images of the body and the moral assessment of medical practices; and the reflection and reproduction of religion in film, popular culture, and conventional, digital and social media.

The concentration addresses present-day interests and prepares students for jobs in a variety of professions, including education, journalism, media studies, gender studies, health care, politics, law, education, migration and international studies.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-religion-culture-and-public-life-ba/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELCPBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- •Formulate a thesis about a significant issue in religious studies relating to culture and public life.
- •Address and analyze a scholarly issue in religious studies relating to culture and public life.
- •Develop a sustained, evidence-based argument about a significant issue in religious studies relating to culture and public life.

Global Opportunities:
Global Experience:
Religion plays a major role in cultural and societal norms, identities and traditions all over the world. Through one of over 250 unique study abroad programs, students witness firsthand diverse religions and cultures and can gain a heightened understanding of the impact of religion on human culture. Students also gain enriched cultural competency, communication and critical thinking skills, which can enhance their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in religious studies (religion, culture and public life): https://goglobal.asu.edu/students/major/shprs/religious-studies (https://goglobal.asu.edu/students/major/shprs/religious-studies).

Career Opportunities:
Religious studies majors seek jobs in many professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care, including mental health and counseling
- journalism
- law
- nonprofit and nongovernmental organizations
- public service and public policy
- publishing

Religious studies is an excellent foundation for graduate and professional studies in:

- anthropology
- gender studies
- health care
- history
- law
- justice studies

- philosophy
- political science
- sociology
- theology

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Religious Studies (Religion, Politics and Global Affairs), BA (LARELPGBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:
The BA program in religious studies with a concentration in religion, politics and global affairs considers how the study of religion expands the understanding of political culture, communal formation, governance, nationalism, statehood and citizenship in both domestic and global contexts.

Students explore the role religion has in shaping political values, social movements, civic organizations and communal norms, with particular attention on how religion impacts issues of health, the environment, migration, peace, conflict, violence and various issues of social justice. Special consideration is given to the religious intersections of nationality, ethnicity, race, gender and other vital facets of human community and identity.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing a concurrent degree or second baccalaureate in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM
Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELPGBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Formulate a thesis about a significant issue in religious studies related to politics and global affairs.
- •Address and analyze a scholarly issue in religious studies related to politics and global affairs.
- •Develop a sustained, evidence-based argument about a significant issue in religious studies related to politics and global affairs.

Global Opportunities:
Global Experience:
Religion plays a major role in societal norms, politics and traditions all over the world. Through study abroad (there are over 250 unique programs), students witness diverse religions and cultures firsthand and gain a heightened understanding of the impact of religion. The cultural competency, communication and critical thinking skills they also acquire will enhance their resumes. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in religious studies with a concentration in religion, politics and global affairs: https://goglobal.asu.edu/students/major/shprs/religious-studies (https://goglobal.asu.edu/students/major/shprs/religious-studies).

Career Opportunities:
Religious studies majors seek jobs in many professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care, including mental health and counseling
- journalism
- law
- nonprofit and nongovernmental organizations

- public service and public policy
- publishing

Religious studies is an excellent foundation for graduate and professional studies in:

- anthropology
- gender studies
- health care
- history
- law
- justice studies
- philosophy
- political science
- sociology
- theology

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Russian, BA (LARUSBA)

Campus: Tempe

Program Description:
The BA program in Russian offers students a unique opportunity to study the language, literature and culture of Russia. Students in the program gain intermediate to advanced reading, writing, and oral and aural Russian language skills.

The Russian language program also partners with the Melikian Center to offer a transdisciplinary baccalaureate certificate in Russian, Eurasian and East European Studies for students in agribusiness, anthropology, architecture, economics, geography, history, political science, religious studies, Russian, sociology and women's studies.

Students of Russian are encouraged to take advantage of an ASU exchange program in Russian language and translation by spending a semester or year in Moscow, St. Petersburg or Kazan. For more information, students should visit https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARUSBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad is vital when learning Russian language and culture. To be immersed among native language speakers adds value to the degree, and the experience prepares students to take off in an exciting, multicultural career with valuable skills employers seek. Students can choose from programs in many Russian-speaking countries. Programs vary in length, from summer programs to full-year programs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Russian: https://goglobal.asu.edu/students/major/SILC/russian (https://goglobal.asu.edu/students/major/SILC/russian).

Career Opportunities:
With Russia as an active player in world affairs on the international stage, knowledge of Russian language and culture is a valuable asset for graduates interested in government, diplomacy and international affairs and commerce.

Knowledge of multiple languages and intercultural competencies enhance any occupation and offers graduates many career opportunities. Career fields using languages include:

- administration of nongovernmental organizations
- advertising and marketing
- diplomatic and foreign service
- domestic and international business
- foreign correspondence and journalism
- international education and study abroad administration
- international law
- interpreting and translation
- teaching and research
- travel and tourism

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-russian
DH 131
silcadvising@asu.edu
480-965-6281

Sociology, BS (LASOCBS)

Campus: Tempe, Online

Program Description:
Sociology is the study of social life, social change and the social causes and consequences of human behavior.

The BS program in sociology offers courses on contemporary social phenomena (i.e., crime, population trends and technology) as well as the exploration of social institutions such as family, health, sports, law and the workplace. Students develop proficiency in written communication,

computer skills, statistical analysis and research methodology.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sociology/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASOCBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students are able to enhance their understanding of societal structure and social change through unique cultural experiences and gain heightened cultural competency and communication and critical thinking skills while studying in and exploring a new and exciting part of the world. Programs can be found in a wide variety of countries around the world. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
An undergraduate degree in sociology provides excellent preparation for future graduate work in:

- health-related professions
- law
- social work and counseling
- sociological research

The degree also prepares undergraduates for direct entry into positions in:

- business
- government
- social service

Contact Information:
Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/
SS 144
advisor@asu.edu
480-965-6978

Spanish, BA (LASPABA)

Campus: Tempe, Online

Program Description:
Students pursuing a BA degree in Spanish have the opportunity to gain reading, speaking and writing proficiency in the language. The Tempe campus program offers two study options: the Spanish linguistics track and the Spanish literature and culture track.

The linguistics track provides an in-depth understanding of the Spanish language while the literature and culture track addresses issues throughout the Spanish-speaking world as seen through the lenses of Spanish language, culture and literature.

A Bachelor of Arts in Spanish is also available for ASU Online students; it combines courses from both the linguistics track and the literature and culture track.

Students are encouraged to contact a school advisor to discuss which option is best for them. Throughout the year, through study abroad and exchange programs, ASU offers opportunities to study in countries in which Spanish is spoken. More information regarding study abroad opportunities is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Language Teaching, MA
Spanish, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-spanish/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASPABA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad enhances students' understanding of the diversity of the world and the way in which knowledge of such diversity makes each person a better human being and citizen. Students can study in programs that provide immersion into Spanish-speaking cultures with a diverse array of individual and group experiences. Program opportunities are available throughout Spain and Latin America. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

The College of Liberal Arts and Sciences recommends the following study abroad programs for students majoring in Spanish: https://goglobal.asu.edu/students/major/SILC/spanish (https://goglobal.asu.edu/students/major/SILC/spanish).

Career Opportunities:
Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- intelligence officer
- international business
- language teacher
- law and immigration professional
- multilingual administrative professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields in which knowledge of diverse languages and cultures is valuable include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad administration
- international law
- military

- ministry

Additional education or certification may be required for some career paths.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/undergrad/ba-spanish
DH 131
silcadvising@asu.edu
480-965-6281

Technological Leadership, BS (LATECLDRBS)

Campus: Tempe, Online

Program Description:
In ASU's three-year BS degree program in technological leadership, students learn complex problem-solving, technical design thinking and leadership. Coursework focuses on individual and team-based research and design, intensive internships and fundamental skills in writing, math and coding.

The heart of this major consists of an interdisciplinary blend of classroom learning and hands-on projects, taken each semester. In inquiry classes, students use an innovative inquiry process to explore big questions both independently and in teams. Examples of these questions include "What will the moon look like after human settlement?" and "What is the future of cars?" In hands-on classes, students use technical design thinking processes with software and lab tools to create physical products, digital solutions, or service designs that address complex challenges in the world of science and technology.

In addition, immersive internships provide students with an opportunity to apply knowledge from academic courses to address research opportunities or real-world challenges and gain valuable experience in the workplace before graduation.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
or MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/inquiry-based-learning-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATECLDRBS~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates with this degree are prepared for a wide range of exciting career opportunities in many industries, such as software and technology, energy, aerospace, finance, law and education. They are prepared to succeed in a variety of roles, such as:

- business strategy
- data and analytics
- engineering management
- general management
- operations
- product development
- product or program management
- project management
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
Dean, The College of Liberal Arts and Sciences
https://interplanetary.asu.edu/learn
FULTN 110
TechLeadership@asu.edu
602-543-5011

Transborder Chicana/o and Latina/o Studies, BA (LATCLBA)

Campus: Tempe

Program Description:
The BA program in transborder Chicana/o and Latina/o studies challenges students to understand the intersections of identity, culture and community for Mexican-origin, Chicano and Latino populations in the United States and the U.S.-Mexico transborder region, with implications for other border communities around the world.

More specifically, students learn about the diversity of cultural, social, political, economic, historical, health-related and artistic experiences in these communities and develop tools for understanding borders and border communities worldwide. The curriculum focuses on growing the next generation of critical thinkers and changemakers who work toward improving the lives of Latinos, strengthening Latino and transborder communities, and honoring transborder knowledge. Students learn from faculty with expertise in Latino health, literature, performance, gender, media studies, immigration policy, urban planning, culture and language.

Additional Program Fee: Y
Second Language Requirement: Y
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website: https://goglobal.asu.edu (https://goglobal.asu.edu).

Career Opportunities:
Latinos are the country's second largest ethnic group behind white non-Hispanics. This program equips students to address the changing needs of Latinos in the U.S. by preparing graduates to become immigration lawyers, nonprofit leaders, teachers, entrepreneurs, government employees, political activists, community organizers, advocates and artists. Career paths enhanced by this degree include:

- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- local, state and national public and private health services
- public policy and administration
- social work and nonprofit organizations
- the arts

Contact Information:
Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BA program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students explore the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the media and expressive culture concentration, students focus their study on the cultures of Latino communities. Students learn about the cultural diversity of Chicano, Mexican, Puerto Rican, Cuban, Dominican, Central American and other Latino populations in the United States and their contributions to the arts by analyzing:

- film and the media
- history
- literature (novels, short stories, poetry)
- performance
- visual art

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- minimum ABOR GPA of 3.75
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements:
Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLMBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying, with programs across Central America, Mexico and other Latin American countries. Students can deepen their understanding of transborder influences and gain a deeper appreciation of transborder media and expression and gain heightened cultural competency, critical thinking and communication skills, skills which enhance their resumes. More information on available programs can be found on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The media and expressive culture concentration equips students with analytical and communication skills vital to the pursuit of graduate work and various career paths including:

- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- nonprofit organizations
- public policy and administration
- social work
- the arts

Contact Information:
Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA (LATCLTBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students learn to understand the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the transborder community development and health concentration, students focus their learning on the health inequalities and issues affecting Mexican-origin, Chicano and Latino communities. Students also develop an understanding of the relationship between the places where people live, play, work and heal and the impact they have on people's health and well-being. Overall, students are able to design, implement and evaluate community-based health programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- minimum ABOR GPA of 3.75
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements:
Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLTBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying, with programs across Central America, Mexico and other Latin American countries. They can deepen their understanding of transborder influences and observe the ways societies in other countries approach health while acquiring the heightened cultural competency and critical thinking and communication skills that will enhance their resumes. More information on available programs can be found on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The transborder community development and health concentration program equips students with theoretical and practical knowledge necessary for graduate work in professional fields such as law and medicine, as well as entry-level positions in:

- education (administration and teaching)
- local, state and national public and private health services
- nonprofit organizations
- public affairs
- public health
- public policy and administration
- social work

Contact Information:
Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students explore the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the U.S. and Mexican regional immigration policy and economy concentration, students focus their studies on policies and social practices contributing to the growing political and economic influence of Latinos in the U.S. and the U.S.-Mexico region. Students develop an understanding of the role of:

- border enforcement
- demographic change
- economic integration
- globalization
- immigration policy
- international migration
- regional development

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements. https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)

Additional Program Fee: Y

Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- minimum ABOR GPA of 3.75
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements:
Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLUBA~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying, with study abroad programs across Central America, Mexico and other Latin American countries, deepening their understanding of transborder influences and gaining a new perspective on international migration. The heightened cultural competency and critical thinking and communication skills students acquire through study abroad are valued enhancements to students' resumes. More information on available programs can be found on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The U.S. and Mexican regional immigration policy and economy concentration equips students with skills and knowledge necessary for graduate

work in fields such as law, as well as career opportunities in:

- education (administration and teaching)
- local, state and national government agencies
- public affairs
- public policy and administration
- social work and nonprofit organizations

Contact Information:
Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Urban Planning, BSP (ARPUPBSP)

Campus: Tempe, Online

Program Description:
The urban planning program introduces students to issues faced by urban areas and the tools necessary to address them. Urban planners guide communities in making wise decisions about their use of land and resources.

The BSP program in urban planning provides students with expertise in both the analysis and the synthesis of the physical, social, political and economic issues that shape urban and regional development. Planning encompasses:

- computer and research methods
- environmental impact assessment
- geographic information systems
- housing
- landscape architecture and urban design
- planning and zoning law
- public policy formulation and administration
- transportation
- urban and development economics
- utilities

Students take courses that include:

- comprehensive planning
- computer and analytical methods
- planning law
- public policy formulation and administration
- site planning
- socioeconomic and environmental analyses
- urban design

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-urban-planning/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARPUPBSP~null + &college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
The valuable experience students obtain through study abroad enhances their resumes. Study abroad programs are available in over 250 programs in more than 65 countries.

Students of urban planning can gain an understanding of how communities around the world have developed urban areas, look at urban issues from a global perspective, and then use insights acquired through study abroad to help communities at home and around the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of urban planning pursue career opportunities with private planning firms and governmental planning agencies, mainly at the city level, but also with county, state and federal entities. Some planners elect to pursue graduate degrees to develop specialty skills and enhance their opportunities for career advancement. The urban planning degree, especially when combined with a focus on geographic information science, gives graduates an advantage in careers that combine urban planning with GIS and in other jobs dealing with urban issues, including:

- comprehensive and long-range planning
- economic development planning
- housing issues
- planning law
- public participation in the planning process
- socioeconomic and environmental analyses
- sustainable planning
- transportation

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in

Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/undergraduate-degrees/urban-planning
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Nursing and Health Innovation, Edson College of

Applied Science (Health Entrepreneurship and Innovation), BAS (NUHCIBAS)

Campus: Downtown Phoenix, West, Online

Program Description:
The BAS program with a concentration in health entrepreneurship and innovation is designed for students with an AAS degree who want to lead transformative change in health through the creation of new products, processes and systems.

Students have the opportunity to examine current evidence-based practice and health care policy through a lens of innovation using an integrated systems perspective, and they hone the skills necessary to be a leader of innovation in a health care context.

Students with health-related backgrounds who would like to learn more about innovation and leadership within health care organizations may be interested in the health entrepreneurship and innovation concentration. Students with an Associate of Applied Science degree in business or a related field may also have interest if they have employment experience in the health industry.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course with the MA general studies designation will satisfy the math requirement.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students must have an Associate of Applied Science from a regionally accredited institution to be eligible for admission to Bachelor of Applied Science programs at Arizona State University.

Change of Major Requirements:
Students with an Associate of Applied Science degree in health, business or a related field are eligible to change their ASU major to this applied science program (health entrepreneurship and innovation).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bas/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBAS~null + &college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience through studying abroad, experience that enhances their resumes. With more than 250 programs available, study abroad allows students to tailor their educational experience to their unique interests and skill sets. Students in the health entrepreneurship and innovation concentration can observe international approaches to health and study innovative business and health techniques used across the globe. Those who study abroad acquire heightened cultural competency, leadership and critical thinking skills, enabling them to stand out in their field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Primary career opportunities include health care administrators and health care managers as well as:

- entrepreneurs
- health architects
- health care administrator
- health care strategists, advisors, project managers and administrators
- health innovation consultant
- health product and service managers
- health system designers
- intrapreneurs --- managers responsible for promoting innovative product development and marketing
- public relations experts in health

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/bas/applied-science-health-entrepreneurship-and-innovation
MERC C250
asu.hci@asu.edu
602-496-0937

Community Health, BS (NUCHLTBS)

Campus: Downtown Phoenix, West, ASU@Lake Havasu, Online

Program Description:
Modern health care extends beyond the hospital and into local neighborhoods. Whether it means ensuring everyone has access to nutritious and fresh foods or providing vulnerable populations with preventative checkups, health care is now a community matter.

The BS in community health develops leaders who are dedicated to addressing health challenges at their source and creating partnerships with both public and private organizations to leverage resources. By creating a community-wide response to these challenges, graduates can better

advocate for patients and provide education opportunities for people of all backgrounds.

Students with an interest in community change find this degree prepares them as informed health activists, organizers, planners and well-rounded members of the local, regional and national community.

Key program areas of emphasis:

- advocacy for diverse individuals, families and communities
- providing health education, health promotion and care coordination
- providing understanding of environmental concerns and their impact on health
- understanding components of a healthy, sustainable community

Graduates of this program provide health education, health promotion, care coordination, disease management, health care navigation and advocacy services for individuals, families and communities.

This degree program has the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-community-health/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU

(https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUCHLTBS~null + &college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad allows community health students to learn how to address the health needs of diverse populations. By immersing themselves in a culture outside of the United States, students can learn about global health trends as well as how people in another country have advocated for positive change in the health care systems of their communities. Students can find more information on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates may obtain employment as:

- community health managers
- community health outreach specialists
- health care navigators
- health promotion evaluators
- health services administrators

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/bs/community-health
MERCC 250
asu.ch@asu.edu
602-496-0937

Health Care Compliance and Regulations, BS (NUHCCRBS)

Campus: Downtown Phoenix, Online

Program Description:
The BS in health care compliance and regulations is a full undergraduate degree program dedicated to the training of compliance specialists and the first to be accredited by the Compliance Certification Board®. https://www.corporatecompliance.org/certification (https://www.corporatecompliance.org/certification)

Students are offered the opportunity to learn best practices from a broad array of industry experts (providers, regulatory agencies, government payers and others) within the medical industry, giving graduates options from which to channel their career in health care compliance.

This program is ideal for anyone interested in the ethical, regulatory and business sides of the health care industry. Program areas of emphasis include:

- industry standards for accreditation and auditing
- data privacy, security and analysis concepts
- revenue cycles, including current billing and coding procedures
- local and federal compliance policies, laws and regulations

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-care-compliance-and-regulations-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCCRBS~null + &college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that will enhance their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in health care compliance and regulation can learn about other global health care systems and how they are regulated.

Graduates who possess the heightened cultural competency, leadership and critical thinking skills they acquired when studying abroad may stand out in a competitive field. More information on available programs can be found on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates may be employed as:

- compliance analysts or specialists
- compliance leads or trainers for health care operations (revenue, clinical care, research, education)
- health care regulatory affairs analysts or specialists
- HIPAA privacy compliance analysts or specialists
- internal auditors, claims auditors or audit response leads
- Medicare and Medicaid compliance analysts or specialists
- special investigation unit analysts or specialists
- patient safety survey specialists
- regulatory compliance specialists

Career titles and salaries listed below are not necessarily entry level and take into consideration years of experience, geographical locations, and advanced degrees or certifications.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/bs/health-care-compliance-and-regulations
MERCC 250
asu.hccr@asu.edu
602-496-0937

Health Care Coordination, BS (NUHCCOBS)

Campus: Downtown Phoenix, West, Online

Program Description:
The BS program in health care coordination prepares students to effectively coordinate resources to optimize individual health outcomes.

Through coursework, students build a thorough understanding of health care systems, community and public health, community resources, health education and health advocacy.

The program emphasizes patient advocacy and education, the resources available from community and public health services, and the role of health policy and financing in modern health care.

Graduates of the program are prepared to work with an interdisciplinary team to utilize resources, provide health education and advocate for the patient when it is needed the most.

This degree program uses the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-coordination/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCCOBS~null + &college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in health care coordination can expand their knowledge of how other countries allocate resources for health care.

With a resume enhanced by the heightened cultural competency, leadership and critical thinking skills they acquired from studying abroad, graduates can stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of this program provide health care coordination, health advocacy and health education services to individuals and families. Program graduates may obtain employment as:

- care coordinators
- health advocates
- health care coordinators
- health care navigators
- health educators
- health resource managers
- patient advocates

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/bs/health-care-coordination
MERC C250
asu.hcc@asu.edu
602-496-0937

Health Entrepreneurship and Innovation, BS (NUHCIBS)

Campus: Downtown Phoenix, West, Online

Program Description:
The BS program in health entrepreneurship and innovation provides a broad background in the principles of innovation, leadership, complexity science, change theory, collaboration and evidence-based decision-making to ensure its graduates are prepared to manage implementation of innovation in the health care arena.

Through the use of evidence-based decision-making and leadership skills in interprofessional teams, students learn to tackle health care challenges using modern technology, public policy and communication. This unique program situates students at the intersection of innovation and entrepreneurship, enabling them to develop their own solutions to health challenges.

Program areas of emphasis:

- develop competence in the design, application and testing of innovative processes and products
- incorporate current trends with interprofessional teams
- lead processes of innovation and transformation

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBS~null + &college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Through study abroad, students gain valuable experience, experience that will enhance their resume. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in health entrepreneurship and innovation are able to experience different health environments and deepen their understanding of innovative business and health care processes being used across the globe.

Students with the heightened cultural competency, leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates may be employed as:

- entrepreneurs
- health architects
- health care administrator
- health care strategists, advisors, project managers and administrators
- health innovation consultant
- health product and service managers
- health system designers
- intrapreneurs --- managers responsible for promoting innovative product development and marketing
- public relations experts in health

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/bs/health-entrepreneurship-innovation
MERC C250
asu.hci@asu.edu
602-496-0937

Integrative Health, BS (NUIHLTBS)

Campus: Downtown Phoenix, West, Online

Program Description:
The BS program in integrative health provides students with a foundation in integrative health, a holistic approach to wellness that focuses on the mind, body and spirit. By drawing on treatments from traditional, conventional and complementary medicines, students advocate for the best care for every patient.

Through innovative and interprofessional approaches to serving and supporting diverse populations, students learn to understand and differentiate the ethics, legalities and standards of practice of integrative health and to think critically about different therapies, modalities and practitioners. Coursework and experiences include an emphasis on research and evidence-based practices and gaining an understanding of the historical and cultural foundations of the integrative health field.

This degree program has the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Any math course that meets the MA designation.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-integrative-health/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUIHLTBS~null + &college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that will enhance their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in integrative health are able to expand their knowledge of different therapies used in a variety of cultures and observe standards of practice across the globe. Students stand out in a competitive field with the heightened cultural competency, leadership and critical thinking skills they acquired through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are qualified for a career as a patient representative for integrative health, which involves assisting patients in obtaining services and in understanding policies, and in making health care decisions regarding integrative health.

Graduates may be employed in hospitals, doctor offices, wellness and fitness centers, as well as holistic centers. Program graduates may obtain employment as:

- health educators
- health services administrators
- health specialists
- office managers
- program managers
- project directors

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/bs/integrative-health
MERC C250
asu.ih@asu.edu
602-496-0937

Nursing, BSN (NUNURDBSN)

Campus: Downtown Phoenix, West, ASU@Lake Havasu, ASU@The Gila Valley, Online

The accelerated BSN/MS option is currently only available to ASU Online students.

Program Description:
Through a curriculum centered upon evidence-based practice, clinical reasoning, innovation, interprofessional communication and information technology, the BSN degree program prepares students to provide high-quality professional nursing care. The Bachelor of Science in nursing may be earned through several unique pathways.

Traditional Prelicensure BSN Nursing Program
The traditional prelicensure clinical nursing program is a full-time, upper-division nursing program designed for students who wish to become a registered nurse by completing a Bachelor of Science in nursing. The program has three start dates per year --- in spring, summer and fall and it may be completed in a 16-month year-round schedule or a 24-month academic year schedule. Graduates are eligible to sit for the National Council Licensure Examination to gain licensure as a registered nurse.

Students advance into the program in one of two ways: direct admission or the competitive advancement process. Direct admission is offered to incoming first-time freshmen who meet specific admission criteria. Students admitted directly must meet continuing eligibility criteria while attending ASU to advance into the upper-division nursing program. Directly admitted nursing students who do not meet continuing eligibility criteria, transfer students or ASU students who are changing majors may apply for advancement to the upper-division nursing program by competing for any remaining spaces. More information can be found on the program website at https://nursingandhealth.asu.edu/programs/bsn/traditional (https://nursingandhealth.asu.edu/programs/bsn/traditional).

Accelerated BSN Clinical Nursing Program
The accelerated BSN clinical nursing program is a full-time, 12-month upper-division clinical nursing program designed for students who wish to become a registered nurse by completing a BSN. Selection is competitive and students start the program in the spring semester (Downtown Phoenix) or fall semester (Lake Havasu).

Students pursuing advancement to the accelerated BSN clinical nursing program complete prerequisite coursework and apply for advancement to the program. Graduates are eligible to sit for the National Council Licensure Examination to gain licensure as a registered nurse. More information can be found on the program website at https://nursingandhealth.asu.edu/programs/bsn/accelerated?ref-id=postbaccalaureate (https://nursingandhealth.asu.edu/programs/bsn/accelerated?ref-id=postbaccalaureate).

Online RN to BSN Program
The online RN to BSN program is available to students who have earned an associate degree in nursing and have a current RN license in good standing with the state board of nursing. The RN to BSN program courses are offered online in 7.5-week sessions and can be completed in 14 to 24 months. There are five starts per year: two in the fall, two in the spring and one in the summer. Assignments may include readings, discussions, papers, presentations and practical application activities completed wherever the student resides.

Transfer pathway agreements are in place with all community college nursing programs in Arizona, which provide additional benefits to students. The RN to BSN program is not available to students residing in Tennessee, Rhode Island or Washington. More information can be found on the program website at https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/ (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/).

Concurrent Enrollment Program
The concurrent enrollment program pathway is available to students enrolling in or already enrolled in any regionally accredited associate degree program in nursing that leads to NCLEX-RN licensure. This program is designed for qualified nursing students who are interested in earning their Bachelor of Science in nursing while simultaneously pursuing their associate degree in nursing. Selected students enroll in the community college program and ASU CEP courses at the same time (concurrently). CEP courses taken at ASU are delivered in an online format. ASU CEP is not available to students residing in Tennessee, Rhode Island or Washington. More information can be found on the program website at https://asuonline.asu.edu/online-degree-programs/undergraduate/rn-bsn-concurrent-enrollment-bsn/ (https://asuonline.asu.edu/online-degree-programs/undergraduate/rn-bsn-concurrent-enrollment-bsn/).

Eastern Arizona College Partnership
The ASU and Eastern Arizona College partnership offers a concurrent enrollment program pathway for qualified students pursuing an Associate of Applied Science in nursing from any of the three EAC campuses while simultaneously earning a Bachelor of Science in nursing from ASU. Courses in this program are delivered in a hybrid format on the Thatcher campus. More information can be found on the program website at https://nursingandhealth.asu.edu/programs/bsn/eastern-arizona-college (https://nursingandhealth.asu.edu/programs/bsn/eastern-arizona-college).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Nursing, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The admission standards for majors in the Edson College of Nursing and Health Innovation are higher than minimum university standards. Effective Fall 2022, first-year admission requirements are:

top 10% of high school graduating class OR
GPA of 3.80 in ASU competency courses (based on 4.00 grading scale) OR
GPA of 3.50 in ASU competency courses AND either a 25 ACT or 1230 SAT combined evidence-based reading and writing plus math score

Priority Application Date: November 1.

First-year applicants should select an additional major when applying for admission.

English language proficiency requirements for applicants whose native language is not English:

- minimum score of 540 (paper-based), 207 (computer-based), or 76 (internet-based) on the TOEFL
- minimum overall band of 6.5 with no band below 5.5 on the IELTS

First-year admission applications to the Bachelor of Science in nursing program that are received after the November 1 application priority date are considered on a space-available basis. Students not offered admission directly to the nursing program are placed in the BS program in community health.

Change of Major Requirements:
Current ASU students interested in changing to this program need to apply for the upper division clinical nursing program through an advancement application process. Space is limited, and selection is based upon GPA and score earned on the TEAS. Students should speak with an advisor in the College of Nursing and Health Innovation for more information on how to change a major to this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUNURDBSN~null + &college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in nursing are able to expand their knowledge of how nursing is practiced across the globe. Students stand out in their field with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates deliver nursing care to individuals, families and communities. Completion of this degree program also prepares individuals for entrance into graduate study in nursing at the master's or doctoral degree levels, which is essential for teaching, administration, clinical specialization and research.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/bs/nursing
MERCC 250
EdsonCollege.Undergrad@asu.edu
602-496-0937

Public Service and Community Solutions, Watts College of

Applied Science (Emergency Management), BAS (PPEMGBAS)

Campus: Downtown Phoenix

Program Description:
The BAS program with a concentration in emergency management is a flexible, 60 credit hour degree program.

The curriculum is designed specifically for students who have earned an AAS; students applying to this program must have completed an Associate of Applied Science from a regionally accredited institution.

The required capstone class provides experience to students through coordinated internships.

This program is not available to freshmen.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available to freshmen.

Change of Major Requirements:
A current ASU student must have completed an Associate of Applied Science from a regionally accredited institution to change to this major.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPEMGBAS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Understanding how different regions around the world react to disasters can lead to insight on how to bring solutions to students' own communities. Studying abroad can help students make meaningful connections through exchange of ideas and perspectives. Study abroad programs that focus on issues like counterterrorism, resource management and urban infrastructure can help students develop a more informed and well-rounded view of emergency management. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The degree in emergency management opens the door to a challenging career as a professional emergency manager. The advancement of technology has created the potential for more devastating disasters than ever before. As a result, there is an increasing demand for emergency managers who have a solid foundation in scientific and technical disciplines as well as management skills.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/emergencymanagement
UCENT 400
spa@asu.edu
602-496-0450

Community Advocacy and Social Policy, BA (PPCASPBA)

Campus: Downtown Phoenix, West, Online

Program Description:
The BA program in community advocacy and social policy focuses on advocacy strategies through an in-depth exploration, analysis and comparison of social service systems and policies from an empowerment perspective.

The program's emphasis is on examining the needs of historically under-served individuals, families and communities. Policy analysis and social change are critical themes in developing an advocacy knowledge base as are the equally important themes of prevention and social well-being. Students complete courses in two core areas: diversity and oppressed populations and social issues and interventions.

While the Bachelor of Arts in community advocacy and social policy program is fully accredited regionally under the North Central Regional Higher Education Association, it is not accredited through the Council of Social Work Education because this degree is not a BSW degree. Therefore, this degree does not fulfill a professional licensing requirement that requires a Bachelor of Social Work degree from a CSWE-accredited Bachelor of Social Work program.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-community-advocacy-and-social-policy/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCASPBA~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Apply professional theories to working with diverse, oppressed and marginalized populations in both micro and macro practice.
- •Apply social justice techniques to advance human rights, social and economic justice
- •Identify and apply advocacy concepts and methods that support and advance social, economic and environmental justice.

Global Opportunities:
Global Experience:
Study abroad gives students the chance to witness how policy, advocacy and social service systems function internationally. Students travel to places like Germany, Morocco and Thailand while learning firsthand about real-world social issues. Programs may focus on women and gender studies, justice studies or African studies, among other topics. Enhancing global awareness, communication competency, and leadership skills through study abroad can better prepare a student for a career in social services. More information on available programs can be found on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are prepared for employment in the social services arena, such as performing basic case management tasks, staffing hotlines and warmlines, making referrals to needed services, recruiting volunteers, and developing and providing training.

In addition, advocate positions are part of many organizations and areas, such as hospitals and the behavioral health system.

This degree program also prepares students to pursue graduate education.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu/
UCENT 800
social.work@asu.edu
602-496-0800

Community Development, BA (PPCOMDEVBA)

Campus: Downtown Phoenix

Program Description:
The BA program in community development equips students with tools to collaborate with, empower and educate diverse community constituents by drawing on grassroots and inclusive frameworks such as sustainable development, social and environmental justice, participatory democracy, social and economic equity and social accounting.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: Y
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Community Resources and Development (Parks and Recreation Management), MS
- Community Resources and Development (Sustainable Communities), MS
- Community Resources and Development (Tourism), MS
- Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCOMDEVBA~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This degree serves students seeking to enter the workforce immediately upon graduation as well as those wanting to pursue graduate study.

The U.S. Bureau of Labor Statistics indicates that employment for social and community service managers is projected to grow at a 17% rate. Graduates can be expected to pursue employment in community service-oriented careers in the public, private or civil and nonprofit sectors. These may include public relations and fundraising management, social and human service, community recreation, urban and regional planning, social purpose real estate and property development, community health, or serving as community and social service specialists.

In addition to broad employment opportunities, graduates can pursue advanced studies in areas such as nonprofit management, community resources and development, sustainable tourism, social work or public affairs, as well as in criminology and criminal justice.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Community Sports Management, BS (PPCSMBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BS program in community sports management focuses on preparing individuals with an interest in managing sport programs and activities for children, youth, adults and seniors in nonprofit, municipal and for-profit organizations.

The program emphasizes the many roles community sports plays within the community including as a mechanism to improve overall quality of life, youth development, sport tourism and community development. Both program delivery and managerial functions are targeted. Specific areas of opportunity include work with youth sports, adaptive sports, sports tourism, sport events and adult recreational sports.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y

Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Parks and Recreation Management), MS
Community Resources and Development (Sustainable Communities), MS
Community Resources and Development (Tourism), MS
Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Sports can bring communities together, at home and abroad, despite language and cultural differences. Studying abroad gives students an opportunity to immerse in a different culture and see firsthand the role of sport at the community level while building skills to help them in their future careers. Students who study abroad can achieve heightened cultural competency and leadership and critical thinking skills.
https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Numerous career opportunities exist within community sports. Sport programs for youth and adults are offered by city parks and recreation departments, nonprofit organizations such as the Boys and Girls Club or the YMCA, and local nonprofit and for-profit sport clubs. In addition, many communities have sport tourism organizations and sport programs offered through adaptive or therapeutic sports programs such as Special Olympics, Wounded Warriors Project and Ability 360.

Possible positions for graduates of this major include sport supervisors, programmers and managers in local park and recreation departments, nonprofit organizations (e.g., YMCA, Boys and Girls Club), as well as community relations and programming positions with professional and local sport organizations.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu

602-496-0550

Community Sports Management (Events), BS (PPCSMEBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The goal of the events concentration within the BS in community sports management degree is to introduce students to the events field and create experts in the coordination, facilitation, and planning for events in the community sports sector.

This concentration allows community sports management majors to focus their electives within the area of meetings and event planning, thus providing a solid foundation from which to develop and produce events that contribute to the economic development and social capital stemming from sports.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Parks and Recreation Management), MS
Community Resources and Development (Sustainable Communities), MS
Community Resources and Development (Tourism), MS
Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMEBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Sports can bring communities together, at home and abroad, despite language and cultural differences. Studying abroad gives students an opportunity to immerse in a different culture and build skills that enable them to navigate the intricacies of planning and executing community sport events where people of different cultural backgrounds gather. Students who study abroad can achieve heightened cultural competency and leadership and critical thinking skills. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Students with a background in managing community sports events can find employment with:

- campus recreation departments
- health and fitness clubs
- parks and recreation departments
- morale welfare and recreation departments in the armed forces
- nonprofit organizations
- private sports organizations

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Criminology and Criminal Justice, BS (PPCRIMJBS)

Campus: Downtown Phoenix, West, ASU@Lake Havasu, Online

Program Description:
The BS program in criminology and criminal justice is for students who want to understand the causes of crime, the role of criminal justice agencies in the control of crime and the consequences of crime.

Students learn sociological, psychological, biological and economic explanations for individual crime as well as differences in crime across neighborhoods, states, countries and over time. They also learn about the history, legal issues and current practices of crime control via police agencies, the court system, prisons, probation and parole.

These topics are delivered by top-ranking research faculty who offer students hands-on research opportunities and by experienced criminal justice professionals with intimate knowledge of the daily realities of crime and criminals. Students are encouraged to take advantage of internship opportunities in more than 200 agencies, study abroad programs and flexible course scheduling offered in-person, online and across multiple campuses.

Students interested in completing the Bachelor of Science program in Yuma are encouraged to complete a MyPath2ASU program.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Criminal Justice, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
The MyPath2ASU™ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU™ pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit https://admission.asu.edu/transfer (https://admission.asu.edu/transfer) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-criminology-and-criminal-justice/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCRIMJBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of the criminology and criminal justice program find a strong job market in the public and private sectors. Employment opportunities exist in:

- bank fraud
- corrections
- courts
- domestic terrorism

- federal agencies
- homeland security
- law enforcement
- legal offices
- parole offices
- private security
- probation offices
- victim advocate agencies

Graduates also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Criminology and Criminal Justice (Policing), BS (PPCRJPOLBS)

Campus: Downtown Phoenix, West, Online

Program Description:
The concentration in policing in the BS program in criminology and criminal justice provides students with knowledge on policing strategies, police management, police accountability, crime analysis and procedural criminal law.

Students completing the concentration have a better understanding of how police organizations operate and are led; effective strategies for reducing crime, building trust and increasing accountability; improving police-citizen community relations (especially in communities of color); how the Constitution protects the rights of individuals in interactions with law enforcement; and techniques for analysis and mapping of crime and other police data.

After finishing the concentration in policing, students are better prepared for future employment in law enforcement and to contribute to the future of policing in the United States.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Or MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/criminology-policing-degree/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCRJPOLBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities for graduates of the policing program include work at the local level in sworn positions in police departments and sheriff's offices; the state level in trooper and investigator roles in state agencies; and the federal level in agent and officer positions in federal law enforcement agencies. Outside of police officer jobs, career opportunities also include work in crime and intelligence analysis and private security.

Graduates of the criminology and criminal justice program with a concentration in policing can also continue to graduate studies in criminology, related fields or law school.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
SCCJadvising@asu.edu
602-496-2356

Nonprofit Leadership and Management, BS (PPNLMBS)

Campus: Downtown Phoenix

Program Description:
Through the BS degree program in nonprofit leadership and management, students learn about the nonprofit sector through curriculum instruction and field experience. The required internship component of the program leads students to professional opportunities within the nonprofit sector. Within the undergraduate degree requirements, students also may choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance. https://www.nonprofitleadershipalliance.org/credential/ (https://www.nonprofitleadershipalliance.org/credential/)

This program is accredited by the Nonprofit Academic Centers Council.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Nonprofits and NGOs), MS
Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad can provide students with hands-on experience in nonprofit leadership through a global lens. Students gain skills to be used in their future careers through internships in nonprofits around the world. Students have the opportunity to intern abroad during summer break or during a semester while taking courses in locations such as South America and Asia. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Prominent nonprofits value this program's tradition of excellence and actively seek to hire its graduates.

The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. With more than 1.6 million organizations in the U.S., the sector employs more people than the finance, insurance and real estate industries combined.

Depending on their interests, graduates seek work in diverse settings that include a wide variety of missions, including arts and culture, environmental, health, and youth development. Some graduates find employment with local, grassroots, direct-service nonprofits while others find work with grant-making foundations. Many work in affiliates of well-known national organizations such as:

- American Red Cross
- America's Second Harvest
- Humane Society of the United States
- March of Dimes
- National Urban League
- United Way
- youth-serving entities such as Big Brothers Big Sisters, Boys and Girls Clubs, Boy Scouts of America, Girl Scouts of the USA, Camp Fire USA and the YMCA of the USA

Increasing opportunities in the nonprofit sector include careers across the spectrum of community issues such as the arts, environment, health care and others. Typical positions include roles as:

- field executives
- fund development directors
- program directors
- program officers for grant-making organizations
- volunteer program managers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)

Campus: Downtown Phoenix

Program Description:
Complementary to the nation's first BS degree in nonprofit leadership and management, the American Indian studies concentration empowers purpose-driven students to be culturally aware, competent and ready for key roles that enable them to advance nonprofits that serve tribal lands, including those organized by tribal governments.

The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. Students learn about the nonprofit sector through curriculum instruction and field experience. The concentration in American Indian studies familiarizes students with American Indian worldviews, current issues and tribal governance. Many students in the nonprofit sector work with American Indian populations.

The required internship component of the program leads students to professional opportunities within the nonprofit sector. Students also may choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance. https://www.nonprofitleadershipalliance.org/credential/ (https://www.nonprofitleadershipalliance.org/credential)

This program is accredited by the Nonprofit Academic Centers Council.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Nonprofits and NGOs), MS
Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMAIBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad can provide students with hands-on experience in nonprofit leadership with a global perspective. Students gain skills to be used in their future careers through internships in nonprofits. Students have the opportunity to intern during summer break or during a semester while taking courses in locations such as South America and Asia, adding a global lens for issues that Indigenous communities face around the world. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Most of the major nonprofit organizations in Arizona and other states work with American Indian populations providing services and expertise. Thus, career options are extensive and include many of the nonprofit organizations in the state and beyond. Careers fields may include fundraising, social services provision, volunteer management and youth programming.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Parks and Recreation Management (Therapeutic Recreation), BS (PPPRMTRBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BS program in parks and recreation management with a concentration in therapeutic recreation prepares students to apply for eligibility to take the national professional certification in through the National Council for Therapeutic Recreation Certification. https://www.nctrc.org (https://www.nctrc.org)

The degree program prepares competent, entry-level recreational therapists with the requisite knowledge, skills and abilities to improve functional outcomes and increase participation in life activities with individuals experiencing health conditions. It is designed for students who want to learn to conduct assessments, develop service plans, implement therapeutic interventions, evaluate and document outcomes of care. They gain skills to effectively provide comprehensive therapeutic recreation services that include program design and evaluation, individual and group service provision, and advocacy. The required fieldwork component of the program facilitates the development of competencies needed to provide quality recreational therapy services.

Students who choose this degree program are truly committed to improving people's lives and contributing to their communities. It is one of two such programs in Arizona, both offered by the School of Community Resources and Development. This program prepares students to provide

recreational therapy services in community settings such as youth programs, adaptive sports, or parks and recreation while the Bachelor of Science in recreational therapy has a heavier emphasis on health care settings such as hospitals and human service agencies.

The Council on Accreditation of Parks, Recreation, Tourism and Related Professions accredits this degree program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Parks and Recreation Management), MS
Community Resources and Development (Sustainable Communities), MS
Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPRMTRBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
There are a wide range of job opportunities for therapeutic recreation professionals including in clinical settings, such as hospitals and nursing homes, adventure programming for youth-at-risk and people with disabilities, and community programs offered through parks and recreation departments.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/therapeutic-recreation
UCENT 550
scrdadvising@asu.edu
602-496-0550

Parks, Recreation and Sport Management, BS (PPPRMBS)

Campus: Downtown Phoenix

This program's name has changed effective Fall 2022. The previous name was Parks and Recreation Management, BS.

Program Description:
The BS program in parks, recreation and sport management provides a transdisciplinary education in the management of parks, protected areas, community-based recreation services, sport and special event management. The parks and recreation field emerged from the youth development, recreation and park movements of the late 19th century.

Students in the program learn about wilderness, environmental communication, parks and recreation management and policy, assessment and evaluation, and sport and recreation planning and programming. Students learn through classroom instruction and field experiences to integrate the natural, social and managerial sciences to make informed decisions for recreation services, both natural-resource based and community-based.

The required internship component of the program allows students to gain practical experience in the parks and recreation professions.

The Council on Accreditation of Parks, Recreation, Tourism and Related Professions accredits this degree program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Parks and Recreation Management), MS
Community Resources and Development (Sustainable Communities), MS
Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:

All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPRMBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs that include travel to some of the world's most renowned and pristine parks, wildlife reserves and other recreational facilities, to forests, reefs and deserts, provide students with invaluable professional development and insight for their future career. With over 250 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This degree program prepares students for professional positions in a variety of public, private and nonprofit organizations. Graduates are employed in a variety of settings in Arizona, nationally and abroad. Graduates find employment in such diverse settings as:

- armed forces recreation
- city park and recreation departments
- county and state park agencies
- federal natural resource agencies
- hospitals and care facilities
- nonprofit recreation programs
- private and commercial recreation facilities
- special event management
- sport venues, theme parks
- youth agencies

In such settings, graduates design, develop and manage services that address the recreational needs of a particular clientele.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Public Service and Public Policy, BS (PPPAFBS)

Campus: Downtown Phoenix, Online

Program Description:
The BS program in public service and public policy prepares students for work in government at all levels and in nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies.

Students discover the challenges of management and learn how to lead a public organization and understand the process of policy development. This program examines the public sector and addresses, in a practical way, the challenges facing the public. The program is unique because it

enables students to study public service, policy and administration with a professional focus.

Students can select one of the following concentrations areas to supplement their core courses. Concentrations must be applied to separately: American Indian studies, business, criminology, emergency management and homeland security, health policy, law and policy, nonprofit leadership and management, parks and recreation management, science and technology policy, social services delivery or sustainability.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy (Urban Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students in the public service and public policy program work to create policies that advance the public interest. When studying abroad, students gain a better understanding of how government functions at various levels around the world and understanding of which public policies used are beneficial to society and which policies need to be improved upon. Students increase their knowledge and experiential base through study abroad, to bring about positive change in their own communities. More information on available programs can be found on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
This degree program provides students with the knowledge and skills to transform government and policy in positions at all levels in city, county, state and federal agencies --- entry, mid-level supervisory, and managerial. For those who already have work experience, the degree provides further opportunity for promotion.

The public service sector offers sustainable, exciting and fulfilling career options. Graduates are empowered to use knowledge of the public sector as a catalyst to change the world. By understanding the challenges facing government and being well-versed in the development of multiple, useful and realistic solutions, graduates contribute to the development of local, national and global communities.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/pspp
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)

Campus: Downtown Phoenix

Program Description:
The American Indian studies concentration within the BS program in public service and public policy focuses on the latest policy implications and research impacting Indigenous communities throughout the United States. Students acquire specialized knowledge related to decisions and actions pertaining to American Indians.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFAISBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad can provide students with hands-on experience and skills for their future careers through internships in nonprofits around the world. Students can intern abroad during summer break or during a semester while taking courses in locations such as South America and Asia. Students can apply a global lens to their studies of how American Indians view the world and learn about current issues and tribal governance of Indigenous peoples worldwide. More information on available programs can be found on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though students would function successfully in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/pspp
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Business), BS (PPPAFBUBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in business as part of the BS in public service and public policy.

This concentration establishes a core business curriculum while allowing students the flexibility to pursue their passion, from entrepreneurial opportunities to working for a Fortune 500 company. Coursework teaches lasting business concepts.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBUBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Students seeking in-depth knowledge of the public sector related to agencies that conduct business in various capacities can benefit from study abroad. Many programs focus on topics such as urban sustainability, challenges to a country's economy and governmental issues so students can see the concepts they have learned through a unique cultural lens. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The business concentration prepares students with an interest in policy to focus on business issues and their policy implications.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/pspp
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Criminology), BS (PPPAFCBS)

Campus: Downtown Phoenix

Program Description:
The School of Public Affairs offers a concentration in criminology as part of the BS in public service and public policy, providing students with more specialized knowledge about the policy implications of criminology-related decisions and actions.

Criminology continues to be a highly sought-after area and it presents broad policy implications for future public sector professionals. This program introduces students to the fundamental foundations in criminal justice and criminology by preparing them to think critically, contribute to society and enhance public safety.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic

departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFCBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students seeking in-depth knowledge of the public sector related to agencies that work with criminal justice systems in various capacities can benefit from study abroad. Students can observe how public policies used in other countries directly impact policing and criminality, showing students the concepts they have learned through a unique cultural lens. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire will allow them to successfully function in many types of organizations, though the primary focus is on public organizations.

A bachelor's degree in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/pspp
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)

Campus: Downtown Phoenix, Online

Program Description:
The School of Public Affairs offers a concentration in emergency management and homeland security as part of the BS in public service and public policy.

This concentration program provides students with the skills and knowledge to manage and assume positions of leadership within the field of emergency management and homeland security. Concepts of public policy and management are blended with emergency management principles to enhance and foster critical thinking within the general field of study. More specifically, the program's focus provides the student with a comprehensive perspective, which is critically important for emerging leaders in disaster management.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from

Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA
Emergency Management and Homeland Security (Community Resilience), MA
Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA
Emergency Management and Homeland Security (Emergency Management), MA
Emergency Management and Homeland Security (Homeland Security), MA
Emergency Management and Homeland Security, MA
Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy-emergency/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFEHBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Understanding how different governments around the world manage disasters can provide insight in bringing solutions to students' own communities. Study abroad programs can help students gain real-world knowledge and experience in how governments function at varying levels in a community. Students' resumes are enhanced with the heightened cultural competency and the leadership and critical thinking skills they acquire through study abroad. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Retiring baby boomers, along with increasing demand for public services, has resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly two million people employed across the country, and nearly 85% of those jobs exist outside the Washington, D.C. area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service will have an advantage in that market.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/pspp
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)

Campus: Downtown Phoenix

Program Description:
The School of Public Affairs offers a concentration in health policy as part of the BS program in public service and public policy, providing students with more specialized knowledge about the policy implication of health-related decisions and actions. This program allows students to build a course of study that focuses on the health care industry, a sector which continues to be a major part of the U.S. and world economy.

In this program, students who have an interest in policy focus on health-related issues and their policy implications. The courses in the concentration are offered by the College of Health Solutions and the School of Human Evolution and Social Change.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFHPBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students seeking in-depth knowledge of policy and the public sector related to the health care industry in various capacities can benefit from study abroad. Programs are available that focus on topics such as public or global health, allowing students to see concepts they have learned through a unique cultural lens and build skills in preparation for a 21st century career. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would function successfully in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:
Public Service and Community Solutions, Watts College of
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Public Service and Public Policy (Law and Policy), BS (PPPAFLPBS)

Campus: Downtown Phoenix

Program Description:
The School of Public Affairs offers a concentration in law and policy as part of the BS in public service and public policy.

Through this concentration, students who have an interest in public policy focus on legal issues and the policy implications, broadening their educational experience while concentrating in an area that is in high demand.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFLPBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Students seeking in-depth knowledge of the public sector related to legal systems in various capacities can benefit from study abroad. When studying abroad, students gain a better understanding of how governments function and intertwine with the law around the world, and they view the policy implications of different approaches to law worldwide. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is primarily designed for individuals who work in the public sector or are interested in doing so. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however the primary focus is on public organizations.

This program prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Contact Information:
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Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)

Campus: Downtown Phoenix

Program Description:
The School of Public Affairs offers a BS in public service and public policy with a concentration in nonprofit leadership and management, providing students with more specialized knowledge about the policy implications of the nonprofit sector.

The role of nonprofit organizations continues to grow and presents broad policy implications for future public sector professionals. This program empowers students to understand the unique aspect of the social, political, economic and philanthropic factors related to the nonprofit sector.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Public Administration (Emergency Management), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPANLMBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Students in this program can get real-life experience with nonprofits through study abroad. Many service-learning and culturally immersive programs offer work with nonprofits, and students can find programs that enable them to visit or work with nongovernmental organizations, charities and local organizations that benefit the public in many different countries. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however, the primary focus is on public organizations. This bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:
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Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)

Campus: Downtown Phoenix

Program Description:
The School of Public Affairs offers a BS in public service and public policy with a concentration in parks and recreation management, providing students with more specialized knowledge about the policy implication of the development and management of leisure in modern life.

Leisure and quality of life are an essential part of U.S. society. This program provides students a transdisciplinary education in the management of parks, protected areas and community-based recreation services.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAPRMBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Study abroad programs at some of the world's most renowned and pristine parks, wildlife reserves and other recreational facilities like forests, reefs and deserts provide students with insight as to how other countries use policy to manage their natural resources. Study abroad allows students to tailor their experience to their unique interests and skill sets, with over 250 programs available. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however, the emphasis is on public organizations.

A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

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Public Service and Public Policy (Science and Technology Policy), BS (PPPAFSTBS)

Campus: Downtown Phoenix

Program Description:
The School of Public Affairs offers a concentration in science and technology policy as part of the BS in public service and public policy, providing students with more specialized knowledge about the policy implication of science and technology-related decisions and actions.

The program prepares students to tackle many of today's most important challenges: climate change, energy, information privacy, public health and global development.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSTBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is focused primarily on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:
Public Service and Community Solutions, Watts College of
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Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)

Campus: Downtown Phoenix

Program Description:
Social services delivery is a fundamental building block of government affairs. Through this concentration, students explore the foundation and practices of social services and how social services can be designed, delivered and evaluated at local, state and federal levels.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required for current ASU students to change into this major.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSSBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The BS program in public service and public policy is focused primarily on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well.

For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Retiring baby boomers and an increasing demand for public services have resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly two million people employed across the country and nearly 85% of those jobs exist outside the Washington, D.C. area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service and social services delivery will have an advantage in that market.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs

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Public Service and Public Policy (Sustainability), BS (PPPAFSBS)

Campus: Downtown Phoenix

Program Description:
The BS program in public service and public policy prepares students for work in government at all levels and nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies. The sustainability concentration provides students with more specialized knowledge about the policy implication of sustainability-related decisions and action.

Sustainability continues to be a highly sought-after area and it presents broad policy implications. Through this concentration, students explore the challenges of sustainability and how it may be used to develop solutions to pressing issues at local and global levels.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM
Public Administration (Emergency Management), MPA
Public Administration (Nonprofit Administration), MPA
Public Administration (Public Finance), MPA
Public Administration (Urban Management), MPA
Public Administration, MPA
Public Policy (Environmental Policy), MPP
Public Policy (Policy Informatics), MPP
Public Policy (Science and Technology Policy), MPP
Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A minimum cumulative GPA of 2.00 is required for current ASU students to change into this major.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The program is primarily for individuals working or seeking work in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations, though the principal focus is on public organizations.

This bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
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Recreation Therapy, BS (PPRECTBS)

Campus: Downtown Phoenix

Program Description:
The BS program in recreational therapy prepares students to apply for national professional certification through the National Council for Therapeutic Recreation Certification through completion of the degree program, completion of the required supervised internship and sitting for the NCTRC exam. https://www.nctrc.org/about-certification/ctrs-the-qualified-provider (https://nctrc.org/about-certification/ctrs-the-qualified-provider)

The program prepares students to become competent, entry-level recreational therapists with the requisite knowledge, skills and abilities needed to improve functional outcomes and increase participation in life activities for individuals experiencing health conditions.

Through the curriculum, students learn to conduct assessments, develop service plans, implement therapeutic interventions, and evaluate and document outcomes of care. They gain skills to effectively provide comprehensive therapeutic recreation services that include program design and evaluation, individual and group service provision, and advocacy. The required fieldwork component of the program facilitates the development of competencies to provide quality recreational therapy services.

Students who choose this degree program are committed to improving people's lives and contributing to their communities. This degree program is one of two such programs in Arizona, both offered by the School of Community Resources and Development. This program has a heavier emphasis on health care settings such as hospitals and human service agencies while the Bachelor of Science in parks and recreation with a concentration in therapeutic recreation prepares students to provide recreational therapy services in community settings such as youth programs, adaptive sports, or parks and recreation.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y

Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPRECTBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Recreation therapy is a rapidly growing field, given the rising number of returning veterans and an aging population. Graduates are prepared for work in a wide variety of clinical settings, including hospitals, rehabilitation centers and extended care facilities. Graduates also are qualified to work in human service and community settings such as parks and recreation departments.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/therapeutic-recreation
UCENT 550
scrdadvising@asu.edu
602-496-0550

Social Work, BSW (PPSWUSWU)

Campus: Downtown Phoenix, West, ASU@Tucson

Program Description:
The curriculum for this undergraduate program leads to a BSW. Juniors and seniors majoring in social work focus on social work courses in social policy and services, human behavior in the social environment, social work practice, research and field instruction in community agencies. In addition, majors take elective courses in related areas.

Students interested in completing the Bachelor of Social Work program in Tucson are encouraged to complete a MyPath2ASU™ program. The Tucson location option is only available to transfer students. For admission requirements, students should review the program website: https://socialwork.asu.edu/programs/bsw/social-work (https://socialwork.asu.edu/programs/bsw/social-work).

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Admission Requirements:
The MyPath2ASU¿ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students should visit https://admission.asu.edu/transfer (https://admission.asu.edu/transfer) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPSWUSWU~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Plan, implement and evaluate evidence-based interventions

•Advocate for advanced human rights, social and economic justice
•Apply professional case management intervention skills when working with individuals, families, groups and communities

Global Opportunities:
Global Experience:
When participating in a study abroad program, students examine social work through an international lens as it relates to community-building, service organizations, support for disenfranchised people, and human rights advocacy. Cross-cultural understanding is one of the main learning outcomes of study abroad programs and is also one of the most important skills of students moving into social work careers. Students then can take the knowledge and skills learned in the program along with the unique intercultural focus gained from study abroad to enhance their work in the U.S. Information on available programs can be found on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
The program prepares students to be generalist social work practitioners, focusing on advocacy, referrals, case management and problem-solving functions with individuals, groups, families, organizations and the community.

Employment in social work is expected to increase commensurately with the needs of a growing and diverse population.

Social workers are employed in public and private agencies dealing with a wide variety of social issues, including:

- adoption and teen pregnancy
- aging
- child abuse and foster care
- corrections and delinquency
- disability
- discrimination
- domestic violence and family dysfunction
- health and mental health
- homelessness and poverty
- substance abuse

Social work skills such as problem-solving, resource utilization, counseling, group work and community organization are also useful for positions with industry in employee relations and mediation.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu
UCENT 800
social.work@asu.edu
602-496-0800

Tourism Development and Management, BS (PPTDMBS)

Campus: Downtown Phoenix

Program Description:
Through the BS program in tourism development and management, students acquire the planning, management and leadership skills related to the growth and development of tourism throughout the world.

The curriculum takes full advantage of its strong connections with the professional tourism community in Phoenix. The required internship component of the program allows students to gain practical experiences leading to professional positions in various travel, tourism and related fields. Students are exposed to the practices of heritage tourism, sustainable tourism, resort management, and meeting and convention planning.

While pursuing the bachelor's degree in tourism development and management, a student also may choose to complete a certificate in convention sales and meeting planning. Additionally, students have the opportunity to participate in a study abroad program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Sustainable Communities), MS
Community Resources and Development (Tourism), MS
Community Resources and Development, MS
Sustainable Tourism, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and need to know how to share the local environment with visitors. Through study abroad, students gain valuable immersive experience in the various subsets of tourism development and management around the world, including in Europe, Latin America, Oceania, Asia and Africa. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates are ready for successful careers in the rapidly expanding travel and tourism industry, the largest industry in the world and the second largest in Arizona. Based upon interests, graduates can seek work across a wide variety of occupations in the public, nonprofit or private and

commercial sectors, in such diverse settings as resorts, meeting planning, convention and visitor bureaus, tour operations and commercial recreation businesses. In such settings, graduates design, develop and manage services that address the needs of a particular clientele.

The metropolitan Phoenix area is a major hub of tourism in the southwestern U.S. and has experienced rapid growth in:

- air transportation
- business and corporate travel
- gaming and casinos
- meetings and conventions
- resorts and hotels
- sports tourism
- state and national parks

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Meetings and Events), BS (PPTDMMEBS)

Campus: Downtown Phoenix

Program Description:
The concentration in meetings and events allows students enrolled in the BS program in tourism development and management to focus their electives on courses that cover meetings and events planning topics. The concentration draws from both the special events program and the meeting management program, and it prepares students to be competitive in the events sector.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Sustainable Communities), MS
Community Resources and Development (Tourism), MS
Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)

Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMMEBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and learn how to share the local environment with visitors. When studying abroad, students gain valuable field experience and immersion in various locales around the world. Internships for credit in meetings and events are available in countries in Europe, Oceania, Latin America and more. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Tourism-related meetings and events are significant contributors to the Arizona economy as well as to other states. Graduates are prepared to enter meeting and event-related careers in resorts and hotels, convention and visitor bureaus, private event companies, festivals, travel agencies, destination management companies, parks and recreation departments, public relations and nonprofit fundraising.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)

Campus: Downtown Phoenix

Program Description:
The BS program in tourism development and management with a concentration in resort and hotel leadership attracts students and professionals who have interests in the diverse areas of knowledge needed within the accommodations sector, knowledge such as:

- ecological, social, economic and cultural sustainability practices in the industry
- hospitality management and leadership
- meeting the expectations of hotel and resort guests
- the interrelated functions within departments of the lodging, food and beverage industries and other stakeholders such as recreation organizations and heritage institutions.

The program provides students an academic option to study in depth the resort and accommodations system and gain knowledge of the importance of the business relationships between suppliers, intermediaries and vendors, guests, and the public and private sectors.

The comprehensive coursework, integrating resilient and sustainable practices, career exposure opportunities, study abroad options and culminating internship experiences of this program prepares students for a management and leadership position in the world's largest service industry. It also prepares them to serve their communities with the skills, knowledge, techniques and capabilities needed for addressing major issues related to resorts and other tourism accommodations.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program

(https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Sustainable Communities), MS
Community Resources and Development (Tourism), MS
Community Resources and Development, MS
Sustainable Tourism, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMRBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and need to know how to share the local environment with visitors. When studying abroad, students gain valuable field experience and immersion in various destinations around the world. Internships for credit in resort and hotel leadership are available in countries in Europe, Oceania, Latin America and more. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
There are a variety of job opportunities for resort or hotel professionals, ranging from entry-level as a management trainee to an assistant manager or manager in various departments, such as:

- catering and banquet
- convention sales
- front desk
- guest services

- rooms division
- sales and marketing

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)

Campus: Downtown Phoenix

Program Description:
The BS program in tourism development and management provides students with the theoretical understanding necessary to maneuver the complexities of one of the world's largest industries. A concentration in sustainable tourism allows students to hone their understanding of the key concepts of resilience and sustainability and of how these concepts can be applied to tourism destinations and development.

Students learn the dominant theories and language that make up sustainability science and the skills necessary to measure, create and implement sustainability policies in tourism destinations, from the planning to management stages of development.

Students take courses offered by the School of Sustainability in addition to courses in the School of Community Resources and Development, guaranteeing a strong foundation in the basic theories of the growing field of sustainability while applying these newfound skills to tourism development and management.

The comprehensive coursework in tourism and sustainability science, career exposure opportunities, study abroad options and culminating internship experiences of this program prepare students for management and leadership opportunities.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Sustainable Communities), MS
Community Resources and Development (Tourism), MS
Community Resources and Development, MS
Sustainable Tourism, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMSBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and how to share the local environment with visitors. Through study abroad, students gain valuable experience in the global travel context by learning sustainable tourism policies in destinations all around the world, including in Europe, Latin America, Asia and Africa. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Sustainable tourism is becoming increasingly important, and many tourism businesses are hiring sustainability coordinators. These businesses include hotels, airlines, museums, convention and visitor bureaus, and large attractions. Travel agents and tour companies, such as those that implement ecotourism and volunteer tourism experiences, are especially interested in employees with a strong sustainable tourism background. Numerous sustainable tourism nonprofit organizations have emerged in recent years, and many government-related tourism organizations also hire those with a strong sustainability focus. Consulting opportunities are available to assist tourism businesses in developing sustainable practices as well.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Tourism and Recreation Management, BS (PPTRMBS)

Campus: ASU@Lake Havasu, Online

Program Description:
Through the BS program in tourism and recreation management, students acquire the planning and management skills required for work in the growing tourism, recreation, sport and event industries throughout the world.

Selecting one of four emphasis areas --- tourism, recreation, events or sport --- lets students hone in on what most interests them. The curriculum offers both broad understanding of each sector as well as the specific skills needed within a chosen field enabling students to prepare to contribute to communities' economic and social development and to positively influence quality of life both domestically and abroad.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/tourism-and-recreation-management-bs/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTRMBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and learn how to share the local environment with visitors. Students gain valuable experience in the global travel context by learning sustainable tourism policies in destinations all around the world, including in Europe, Latin America, Asia and Africa. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Industries in the leisure sector offer a wide variety of career options. Based upon interests, graduates can seek work in the public, nonprofit, or private and commercial sectors. Graduates find employment in such diverse organizations as resorts and hotels, convention and visitor bureaus, and in areas such as business and corporate travel, transportation, tour operations, event and meeting planning and management, and attractions management. Opportunities are also found with city and state parks and recreation departments and national parks and protected areas. Other career options can be found in youth, recreation and sports-oriented nonprofits; sports and recreation program planning and management; sports events; and many others.

In such settings, graduates plan, design, develop and manage services that address the needs of a particular clientele.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Urban and Metropolitan Studies, BA (PPURBBA)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
Located in the heart of downtown Phoenix, the BA program in urban and metropolitan studies is for students who have a yearning to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: Yes
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPURBBA~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As populations grow and lead to urban sprawl, countries around the world grapple with how to best serve society. Study abroad programs expose students to challenges facing large urban and metropolitan cities in Europe, Latin America, Africa and Asia. Students experience cultural immersion and research ways to improve and solve complex issues faced by urban and metropolitan cities on a global scale. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The urban and metropolitan studies program prepares students for work in a wide range of fields. The transdisciplinary approach of the program allows graduates to successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

There are many careers and advanced degrees that may be pursued with a bachelor's degree in urban and metropolitan studies. Some of these careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and plan to participate in an internship that complements their long-term professional goals.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/ums
UCENT 400
spa@asu.edu
602-496-0450

Urban and Metropolitan Studies, BS (PPURBBS)

Campus: Downtown Phoenix

Program Description:
Located in the heart of downtown Phoenix, the BS program in urban and metropolitan studies is for students who have a yearning to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students in this program discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown, and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, and revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/wue).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPURBBS~null + &college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
As populations grow and lead to urban sprawl, countries around the world grapple with how to best serve society. Study abroad programs expose students to challenges large urban and metropolitan cities face in Europe, Latin America, Africa and Asia. Students experience cultural immersion and research ways to improve and solve complex issues faced by urban and metropolitan cities. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
The transdisciplinary approach of the urban and metropolitan studies program ensures its graduates are prepared for work in a wide range of fields. Graduates successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

Some careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and a plan to participate in an internship that complements their long-term professional goals.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/ums
UCENT 400
spa@asu.edu
602-496-0450

Teachers College, Mary Lou Fulton

Applied Science (Early Childhood Studies), BAS (TEAPSECBAS)

Campus: Online

Program Description:
The BAS with a concentration in early childhood studies is a two-year program for students who already have an AAS in early childhood education or a similar field.

Students gain skills in communication, critical thinking and leadership so they can positively affect school readiness for children from birth to age 5. Through online coursework, students deepen their understanding of the social, emotional, cognitive and physical development of young children. Students learn to set developmentally appropriate learning goals, create and support effective instructional strategies and develop highly individualized instruction for young learners.

This program integrates experiential learning opportunities into the curriculum, allowing students to put coursework into practice. Students must be able to work or volunteer with learners in an early childhood setting for at least 15 hours per month throughout their junior and senior year.

Individuals who don't have an Associate of Applied Science degree may consider the Bachelor of Applied Science in educational studies with a concentration in early childhood studies program, which has a parallel curriculum.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.

Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
This program is not available to first-year students.

Transfer Admission Requirements:
Students applying to this program must have completed an AAS degree from a regionally accredited institution AND be employed in an early childhood setting (e.g., Head Start, child development center, daycare or childcare center, private or public preschools, home-based child care) in order to successfully participate and complete coursework.

Students with an Associate of Applied Science degree, which consists of courses in specialized occupational areas built upon a general education core, will receive 60 hours of credit though a block transfer to the university. The block transfer applies only to the Bachelor of Applied Science degree program. Students may receive up to 15 more credit hours for additional coursework completed at the community college or university that, through transcript evaluation, is determined to match a course in the degree program major map.

Change of Major Requirements:
A current ASU student must have completed an Associate of Applied Science in early childhood education or a closely related field from a regionally accredited institution to change to this major.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/early-childhood-applied-science/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEAPSECBAS~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education and conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities.

Students may learn more at ASU's study abroad website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
This program is a great option for students who are already working in the field of early childhood education.

Career opportunities for graduates include early childhood educators (birth to 5 years) in various settings, such as Head Start programs, child care centers, private preschools, nonprofit centers and home-based service providers. Other career opportunities include center-based administrators or directors; topic specialists that provide resources, training and technical assistance to teachers and programs; program managers; family specialists; and consultants.

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division

https://education.asu.edu
ED 118
educationadvising@asu.edu
480-965-5555

Early Childhood Education, BAE (TEECDEDBAE)

Campus: Tempe, ASU Sync

Program Description:
The BAE program in early childhood education prepares students to meet the educational, behavioral and social-emotional needs of children, ages birth to age 8 or grade 3. This program focuses on child development and best practices in early childhood education, including the skills to create inclusive learning environments; conduct instructional design, planning and facilitation; and assess, monitor and report the progress of young children.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Students complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood, birth--grade 3 or age 8, as well as a Structured English Immersion, preK--12, endorsement from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: This program is also offered via ASU Sync for transfer students who reside in Arizona. These students must either have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
or MAT 142
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEECDEDBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad.

Students can learn how schooling works in countries that are leaders in education, and they can conduct comparative research, make a difference in a community by volunteering at schools, and engage in local educational programs through service-learning opportunities.

To explore available programs, students may visit ASU's Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
There is a strong demand for early childhood educators in Arizona and nationwide. Many graduates with a degree in early childhood education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
http://education.asu.edu
ED 102
ASUeducation@asu.edu
480-965-9995

Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)

Campus:

ASU is not currently accepting applications to this program. Please see other options in the Mary Lou Fulton Teachers College, including the BAE in Early Childhood Education (https://degrees.apps.asu.edu/bachelors/major/ASU00/TEECDEDBAE/early-childhood-education).

Program Description:
The BAE program for early childhood education and early childhood special education prepares students to be eligible for dual certification in both early childhood education and early childhood special education (birth to age 8).

This program focuses on child development; research-based instructional and assessment practices in early childhood education; and the skills to assess, monitor and report the progress of children with and without disabilities. It prepares students to collaborate effectively with family members of young children to support the growth and development of those children.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood and Early Childhood

Special Education, and an endorsement in Structured English Immersion, preK-12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: Transfer students who live in Arizona and outside of Maricopa County may be eligible to take regularly scheduled classes remotely via ASU Sync. More information is available on the program website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEECSEBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, conduct comparative research, and make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. They may visit ASU's study abroad website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
There is a strong demand for early childhood educators in Arizona and nationwide. Many graduates with a degree in early childhood education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https:/admission.asu.edu/academics/licensure).

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 118
ASUeducation@asu.edu
480-965-9995

Education Exploratory, (TEEDUEXPL)

Campus: Polytechnic, Tempe, West

Program Description:
The education exploratory program provides first-year students with the ability to explore various areas in education prior to selecting a major at Mary Lou Fulton Teachers College.

During the program's first year of coursework, which includes four foundational education courses, and through specific cocurricular events scheduled throughout the first and second terms, students on this track are exposed to all programs and certification areas. Students are able to make an informed decision about the grade level or area of specialization they are interested in while staying on track to graduate from a bachelor's degree program.

Education exploratory is an introductory program offered prior to declaring a major. It does not lead to a degree, and students need to declare a major after completion of 30 credit hours.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Admission is restricted to first-time freshmen only. Students with questions regarding admission and program eligibility should contact educationadvising@asu.edu (mailto:educationadvising@asu.edu).

Change of Major Requirements:
A first-year student with fewer than 24 credit hours is eligible to change the major to this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEDUEXPL~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments. By expanding their horizons through study abroad, students

can explore how schooling works in countries that are leaders in education, and they can conduct comparative research. They can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may visit ASU's study abroad website to explore programs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
All students in the education exploratory program are poised to graduate from one of the majors within Mary Lou Fulton Teachers College. Information for those career opportunities can be found under each major.

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 118
ASUeducation@asu.edu
480-965-9995

Educational Studies, BAE (EDSLSTBAE)

Campus: Polytechnic, Tempe, West, Online

Program Description:
The BAE program in educational studies prepares students to work with children, youth and adults within nonprofit settings, community institutions, civic organizations and businesses. Students develop skills for effective communication, collaboration, leadership, advocacy and innovation, all of which are essential to education professionals.

Students focus on one of 11 core tracks, pursuing additional coursework and expertise in:

- business
- community health
- environmental education
- family and human development
- global studies
- health innovations
- nonprofit administration
- organizational leadership
- personal health
- political science
- recreation management

Educational studies students complete a series of internships as well as a capstone project. The first internship supports students in examining an education challenge at a nonprofit. The second internship provides students with the opportunity to prototype a solution to an education challenge in their choice of nonprofit, business or government setting. For the senior capstone, students return to one of their previous internships to implement a solution.

An educational studies minor is also available to ASU students in other degree programs.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Educational Policy, MA
Learning Sciences, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-education-educational-studies/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDSLSTBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
A study abroad experience prepares students to lead change and innovation. When studying abroad, students build collaborative leadership and critical thinking skills, and they make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning. Students stay on track academically by participating in a program over a winter or spring break. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates have a versatile degree that qualifies them for a variety of career paths in education, including roles at nonprofit organizations, community institutions, civic organizations and businesses.

This degree also prepares undergraduate students for graduate degrees in education or education-related fields or for trajectories based on the context of their work (e.g., organizational development).

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu/
ED 118
ASUeducation@asu.edu
480-965-5555

Educational Studies (Early Childhood Studies), BAE (TEESECEBAE)

Campus: Online

Program Description:
The BAE program in educational studies with a concentration in early childhood studies prepares students for careers working with and advocating for children from birth to age 5.

Students gain skills in communication, critical thinking and leadership so they can positively affect school readiness for young children. Through online coursework, students deepen their understanding of the social, emotional, cognitive and physical development of young children. They learn to set developmentally appropriate learning goals for this age group and create and support effective instructional strategies and develop highly individualized instruction.

This program integrates experiential learning opportunities into the curriculum, allowing students to put coursework into practice. Students must be able to work or volunteer with learners in an early childhood setting for at least 15 hours per month throughout their junior and senior year.

Transfer students who already have an AAS degree in early childhood education or a closely related field should consider the BAS in applied science (early childhood studies) program, which has a parallel curriculum.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/early-childhood-education/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESECEBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:

Global Experience:
Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, conduct comparative research, and make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may visit https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
This program is a great option for students who are already working in the field of early childhood education.

Career opportunities for graduates include early childhood educators in various settings, such as Head Start programs, child care centers, private preschools, nonprofit centers and home-based service providers. Other career opportunities include center-based administrators or directors; topic specialists that provide resources, training and technical assistance to teachers and programs; program managers; family specialists; and consultants.

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu/
ED 120
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480-965-5555

Educational Studies (Instructional Design), BAE (TEEDUSTBAE)

Campus: Online

Program Description:
The BAE program in educational studies with a concentration in instructional design helps students build critical competencies related to designing effective online learning to meet the needs of learners.

The curriculum is grounded in modern learning theory and design. Coursework addresses a variety of components within the field of education including foundations of instructional design, theory and design of digital learning, and digital learning evaluation. All courses are taught online and combine a range of resources and technologies to facilitate direct interaction between and among students and program faculty.

This program culminates with an internship where students create and present a project that demonstrates their knowledge of instructional design by applying it in a professional context. Students work with an organization to identify an instructional need, problem or performance gap, and then they develop and deploy a solution to be delivered in an online or blended format.

An instructional design minor is also available to ASU students in other degree programs.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
or MAT 117 College Alegbra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/undergraduate/undergraduate-bae-educational-studies-instructional-design)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEDUSTBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students can find more information on the Global Education website at https://goglobal.asu.edu (https://goglobal.asu.edu).

Career Opportunities:
There is growing demand for online educators, including in companies that develop the materials for online students and any organization focused on digital learning. Graduates are prepared for instructional design roles in K-12, higher education, nonprofits and corporate settings.

Career examples include:

- curriculum coordinator
- curriculum designer or developer
- distance learning manager
- instructional designer
- media center specialists
- technology coordinator
- training specialist, coordinator or manager

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
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480-965-5555

Elementary Education, BAE (TEEEDBAE)

Campus: Polytechnic, Tempe, West, ASU Sync

Program Description:
The BA program in education with a concentration in elementary education prepares you to work with children, grades K-8, in an educational setting. This program leads to K-8 elementary education certification in the state of Arizona.

Students receive a firm grounding in academic content with current research and best practices from nationally recognized faculty in their fields of expertise, accompanied by professional experiences. This program also provides extensive experience in integrating technology into teaching

practices.

The teacher certification program for elementary education is clinically embedded during both the junior and senior years. Mary Lou Fulton Teachers College students complete internships during their junior year and a full-time, year-long apprenticeship, known as their senior year residency, in K-8 classrooms. Coursework is designed to support the development of instructional competencies, professional skills and content knowledge. Coursework is complemented by professional experiences which provide interns and teacher candidates opportunities to apply and reflect upon their knowledge and skills in teaming and collaborative models. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from partner school districts and charter schools work in collaboration to support professional growth aligned to each student's personal goals. Additionally, the professional experience pathway provides students an opportunity to work directly with children and make an immediate impact on student achievement. This intensive, hands-on professional experience model of teacher preparation creates highly sought-after graduates and is unmatched in Arizona.

Graduates are recommended for grades K-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Format option: This program is also offered via ASU Sync for transfer students who reside in Arizona. Students must either have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

Transfer Admission Requirements:
The MyPath2ASU¿ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students should visit https://admission.asu.edu/transfer (https://admission.asu.edu/transfer) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEEDBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, and they can conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may visit ASU's study abroad website to explore programs. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
There is a demand for highly qualified elementary teachers in Arizona. A high percentage of students from this program receive job offers during their residencies. Many graduates with a degree in elementary education work in:

- charter schools
- nontraditional settings
- private school settings
- public elementary schools

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (¿https:/admission.asu.edu/academics/licensure¿).

Contact Information:
Teachers College, Mary Lou Fulton
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480-965-5555

Elementary Education (Educating Multilingual Learners), BAE (TEDLLBAE)

Campus: Tempe

ASU is no longer accepting new students to the program. Please explore Degree Search for other similar program options.

Program Description:
The BAE program for elementary education with a concentration in educating multilingual learners prepares students for certification in grades K-8, as well as a preK-12 bilingual education or English as a second language endorsement in the state of Arizona.

This program offers students a firm grounding in current research and critical pedagogy for English language learners. Candidates take several courses that focus on language diversity, dialectal variation, funds of knowledge and practices that value cultural and community engagements. Students learn processes for developing and supporting the needs of students with individual language learning plans. Students also receive preparation in elementary academic content areas, including math, language arts, social studies and science with a specific focus on meeting the academic and linguistic needs of emergent bilinguals.

Students will learn about the foundations of second language acquisition, biliteracy, culturally relevant pedagogy and effective language instruction. Knowledge of these subjects prepares prospective educators to develop critical perspectives that will help them to advocate for bilingual children and families.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to

address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K-8, as well as an endorsement in either bilingual education or English as a second language from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments. In addition, students must complete six credit hours of a foreign language or equivalent and pass an appropriate language proficiency test to be eligible for the bilingual education or English as a second language endorsement.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEDLLBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad.

Students can learn how schooling works in countries that are leaders in education, and they can conduct comparative research, make a difference in a community by volunteering at schools, and engage in local educational programs through service-learning opportunities.

To explore programs, students may visit the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions, including the increasing number of dual-language programs. Career examples include:

- bilingual-dual language K-8 classroom teacher
- K--8 classroom teacher
- language coach
- SEI classroom teacher

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BAE program in elementary education with a concentration in science, technology, engineering and mathematics --- STEM --- prepares students for certification in grades K-8 in the state of Arizona. This program includes coursework designed for students looking to advance their skills in STEM disciplines and wishing to learn techniques to effectively engage learners in the 21st century.

The program equips prospective educators with the specialized STEM knowledge they need to solve challenging problems and apply critical thinking skills. The elementary education STEM program offers students a firm grounding in the language, current research and best practices in STEM education.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K-8, and an endorsement in Structured English Immersion, preK-12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
or MAT 117 College Algebra or MAT 170 Precalculus
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESTEMBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, and they can conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may explore available programs on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. Many graduates with degrees in elementary education also work at community organizations serving children and youth.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
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ASUeducation@asu.edu
480-965-9995

Elementary Multilingual Education, BAE (TEEMLEBAE)

Campus: Tempe

Program Description:
This BAE program in elementary multilingual education prepares students to become educators for linguistically and culturally diverse learners in grades K--8. Students have opportunities to specialize in several areas, including transborder and cultural studies, Indigenous education and Spanish.

Course topics include language diversity, dialectal variation, funds of knowledge (i.e., collections of knowledge-based cultural practices), and practices that value cultural and community engagement. Students learn processes for identifying English language learners, as well as how to develop and support the needs of students with individual language learning plans. Students also receive preparation in teaching elementary content areas, including math, language arts, social studies and science with a specific focus on meeting the academic and linguistic needs of English language learners.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Students complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K--8, as well as an endorsement in either bilingual education or English as a second language from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments. In addition, students must complete six credit hours of a foreign language or equivalent and pass an appropriate language proficiency test to be eligible for the bilingual education or English as a second language endorsement.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebraor MAT 142
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEMLEBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad.

Students can learn how schooling works in countries that are leaders in education, and they can conduct comparative research, make a difference in a community by volunteering at schools, and engage in local educational programs through service-learning opportunities.

To explore available programs, students should visit ASU's Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions, including the increasing number of dual-language programs.

- bilingual-dual language K-8 classroom teacher
- K--8 classroom teacher
- language coach
- structured English immersion classroom teacher

Contact Information:
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Division of Teacher Preparation
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ASUeducation@asu.edu
480-965-9995

Physical Education, BAE (TEPPEBAE)

Campus: Polytechnic, Tempe

Program Description:
The BAE program in physical education prepares students to successfully teach quality physical education programs to learners in grades preschool through grade 12.

The curriculum directly aligns with national beginning teacher standards of The Society of Health and Physical Education Teachers of America. Students take foundational coursework in the areas of growth and motor development, movement activities and lifelong physical fitness. The

coursework covers elementary, secondary and adaptive physical education methods, including topics such as instructional design, lesson planning and modifications, and accommodations for preK--12 learners. Students build skills in cultivating a positive and productive learning environment, assessing, monitoring and reporting progress, as well as conducting themselves as responsible and ethical professionals.

Extensive professional experiences are built into the program to prepare students to enter the teaching profession after graduation. Students complete internships prior to a full-time student teaching residency that takes place senior year. Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in internships and residencies with a team of peers while receiving guidance and support from faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation for teacher certification in Physical Education, preK--12, as well as a Structured English Immersion, preK--12, endorsement through the Arizona Department of Education. In order to teach in a public school, graduates must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebraor MAT 142 College Mathematics
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEPPEBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad.

Students can learn how schooling works in countries that are leaders in education, and they can conduct comparative research, make a difference in a community by volunteering at schools, and engage in local educational programs through service-learning opportunities.

To explore available programs, students should visit ASU's Global Education website at https://goglobal.asu.edu (https://goglobal.asu.edu).

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. Many graduates with degrees in physical education also work as coaches, fitness instructors or with organizations dedicated to improving health and wellness.

Contact Information:
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Secondary Education, BAE (TESEDBAE)

Campus: Polytechnic, Tempe, West, ASU Sync

Program Description:
The BAE in secondary education is offered in two formats:

ASU Sync: This program is also offered via ASU Sync for transfer students who reside in Arizona. These students must either have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Concurrent degree --- ASU students at the Tempe, Polytechnic and West campuses can add the Bachelor of Arts in education in secondary education to their primary degree in any secondary education content area. With this option, students can graduate with two degrees, a greater understanding of the field of education and certification to teach. More information is available on the Mary Lou Fulton Teachers College (https://education.asu.edu/degree-programs/undergraduate-programs/secondary-education (https://education.asu.edu/degree-programs/undergraduate-programs/secondary-education)) website.

Additional degree programs in secondary education are offered at the ASU Tempe, Polytechnic and West campuses. Students can view a complete list of programs here: https://education.asu.edu/degree-programs/undergraduate-programs (https://education.asu.edu/degree-programs/undergraduate-programs).

The Bachelor of Arts in education in secondary education prepares individuals to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement for working with English language learners and also provides extensive experiences integrating technology into teaching.

Specializations are typically available in the following content areas, depending on campus location: biology, business, chemistry, earth and space sciences, economics, English, general science, geography, history, math, physics, political science and some foreign languages.

The program's professional experience component provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

The culminating experience is a residency which requires working alongside a highly qualified certified lead teacher, full-time, for the entire semester. Mary Lou Fulton Teachers College faculty and highly qualified certified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. This intensive, hands-on model of teacher preparation creates highly sought-after graduates.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

Change of Major Requirements:
This program is only available as a concurrent degree at ASU's Tempe, Polytechnic and West campuses. Students should contact the advising office to add this program as a concurrent degree.

A current ASU student at ASU@The Gila Valley or ASU@Yuma must have completed all lower-division requirements and hold a 2.50 GPA in order to change majors to this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESEDBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Career Opportunities:
Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools
- online schools

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (¿https:/admission.asu.edu/academics/licensure¿).

Contact Information:
Teachers College, Mary Lou Fulton
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Secondary Education (Biological Sciences), BAE (TEBIOBAE)

Campus: Polytechnic, Tempe, West

Program Description:
The BAE in secondary education with a concentration in biology prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of biological sciences, this program also focuses on integrating technology into teaching and provides the professional experience

needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 170 - Precalculus
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEBIOBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future science educators can enrich their experience and stay on track academically with study abroad. They can learn about ecology, health sciences, disease tracking and medical studies while being immersed in a new culture and working alongside peers from other countries. Students can also explore how schooling works in countries that are leaders in education, and they can conduct comparative research. Students may explore the ASU study abroad programs at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information,

students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Secondary Education (Chemistry), BAE (TECHMBAE)

Campus: Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers the Structured English Immersion instruction that qualifies them to receive the endorsement that enables them to work with English language learners, and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to classroom practice in grades 6-12. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TECHMBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Science educators can experience physical sciences and chemistry outside the classroom through study abroad. STEM programs in Europe, Asia and Latin America offer hands-on opportunities that explore climate change, engineering and the intersection of humanities and science. Opportunities include research and learning alongside peers from other countries. Program lengths range as short as a week, a semester or a summer. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)

Campus: Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BAE in secondary education with a concentration in earth and space sciences prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of earth and space sciences, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 210 - Brief Calculus
or MAT 270 Calculus w/Analytic Geometry I
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDESSBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Space exploration is an international endeavor, and studying abroad allows future teachers to do research and take relevant classes while living in another country. An international experience can provide the opportunity for cross-cultural engagement which improves teamwork and critical thinking --- key characteristics employers look for in the hiring process. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Secondary Education (English), BAE (TEENGBAE)

Campus: Polytechnic, Tempe, West

Program Description:
The BAE in secondary education with a concentration in English prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of English language arts, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop the teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is

recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEENGBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, and they can conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may visit ASU's study abroad website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
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Secondary Education (History), BAE (TEHISBAE)

Campus: Polytechnic, Tempe, West

Program Description:
The BAE in secondary education with a concentration in history prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of history, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEHISBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Teaching through experience can be a vital tool. Study abroad inspires a global perspective and an increased appreciation for the history, philosophy and religion of different cultures that's learned firsthand where history took place. Future teachers are able to remove themselves from text and experience research at primary source sites. In addition, the experience and understandings gained across borders can aid in a competitive job search. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Secondary Education (Mathematics), BAE (TEMATBAE)

Campus: Polytechnic, Tempe, West

Program Description:
The BAE in secondary education with a concentration in mathematics prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of mathematics, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEMATBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education and conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may visit ASU's study abroad website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Secondary Education (Physical Education), BAE (ECPPEBAE)

Campus: Polytechnic

ASU is no longer accepting new students to this program. A new program for students interested in teaching physical education will be available soon. Interested students should contact the Mary Lou Fulton Teachers College for more information.

Program Description:
The BAE program in secondary education with a concentration in physical education prepares students to successfully teach quality physical education programs to learners in preK-12.

The curriculum directly aligns with national beginning teacher standards of The Society of Health and Physical Education Teachers of America (SHAPE America). Students take foundational coursework in the areas of growth and motor development, movement activities and lifelong physical fitness. The coursework covers elementary, secondary and adaptive physical education methods, including topics such as instructional design, lesson planning and modifications and accommodations for preK-12 learners. Students will build skills in cultivating a positive and productive learning environment, assessing, monitoring and reporting progress, as well as conducting themselves as responsible and ethical professionals.

Extensive professional experiences are built into this program to prepare candidates to enter the teaching profession after graduation. Students complete internships prior to a full-time teaching residency that takes place senior year. Mary Lou Fulton Teachers College has developed a team-based approach to teacher-preparation, allowing students to participate in internships and residencies with a team of peers while receiving guidance and support from faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Secondary Education, and an endorsement in physical education, PreK-12, from the Arizona Department of Education. To be eligible for secondary certification in Arizona, students must receive a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
or MAT 142 College Mathematics
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
Students are admitted to the preprofessional status and must complete additional requirements for entrance to the professional status. Students should see the department website for more information.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECPPEBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
As health and wellness become a priority in society, future physical education teachers can enhance their degree by seeing how nutrition and exercise are experienced in different cultures around the world. Students can complete an internship overseas, study abroad for a summer or spend academic breaks on a program in another country. Students should visit https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. Many graduates with degrees in physical education also work as coaches, fitness instructors or with organizations dedicated to improving health and wellness.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
SANCA 331
ASUeducation@asu.edu
480-965-9995

Secondary Education (Physics), BAE (EDPHYBAE)

Campus: Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BAE in secondary education with a concentration in physics prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of physics, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
Program Math Intensity: Substantial

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDPHYBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Science educators can experience physical sciences outside of the classroom through hands-on experience on a study abroad program. STEM programs in Europe, Asia and Latin America offer hands-on opportunities that explore climate change, engineering and the intersection of humanities and science. Students should visit https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information,

students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
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https://education.asu.edu/
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480-965-9995

Secondary Education (Political Science), BAE (TEPOLBAE)

Campus: Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BAE in secondary education with a concentration in political science prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of political science, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in secondary education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEPOLBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Future teachers of political science can experience new cultures firsthand through study abroad. Students can explore borders, economics, identity and conflict through programs around the world. Students see politics as a lived experience that adds critical value to an education degree. Students may visit ASU's study abroad website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu
ED 118
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480-965-9995

Secondary Education (Spanish), BAE (TESPABAE)

Campus: Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The BAE in secondary education with a concentration in Spanish prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of Spanish language, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop the teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in secondary education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPABAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Studying abroad is vital to learning the Spanish language and culture. Future teachers of Spanish, the third most spoken language in the world, can add value to their degree through immersion programs across the Spanish-speaking world in Europe and Latin America. Students explore history and culture in English while acquiring Spanish language skills. Students can explore available programs on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast growing state such as Arizona are numerous.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Division of Teacher Preparation
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Special Education, BAE (TESPCEDBAE)

Campus: Tempe, ASU Sync

Program Description:
Special educators make a difference in the lives of children and families. They are curious about how people learn and develop throughout their lifespan. A special education degree prepares students to understand human diversity, communicate effectively and develop problem-solving skills that support their success and that of others.

The BAE in special education prepares graduates to work with K-12 students with disabilities in inclusive settings. Teacher candidates learn to use evidence-based practices that promote students' success with general education content, including high leverage practices in literacy, math, sciences and social studies. They develop adaptive techniques for students with disabilities and learn to use instructional and assistive technologies to facilitate success.

Students participate in professional experiences designed to expose them to numerous ways of teaching and learning. These internships and residencies are embedded during the junior and senior years to provide teacher candidates with multiple opportunities to work directly with children and youth. With the support of a certified lead teacher and an ASU faculty member called a site lead, students are able to practice what is learned during coursework in authentic settings.

Program graduates are eligible for the Standard Professional Mild/Moderate Disabilities Special Education Certificate - Grades K-12. Those desiring to teach in a public school in Arizona must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: This program is also offered via ASU Sync for transfer students who reside in Arizona. These students must either have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can

learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional Requirements:
The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors. Students should refer to https://students.asu.edu/changingmajors (https://students.asu.edu/changingmajors) for information about how to change a major to one of the concentrations of this program.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPCEDBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu (https://goglobal.asu.edu)

Career Opportunities:
The Bachelor of Arts education in special education leads to teacher certification in order to support a critical market demand for special education teachers in Arizona and beyond. Graduates of the program are poised to find employment in any career that supports learners with disabilities. This includes careers with community- and youth-serving organizations, higher education institutions and health-related organizations. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 118
educationadvising@asu.edu
480-965-5555

Special Education (Visual Impairment), BAE (TESPEVIBAE)

Campus: Tempe, West

Program Description:
The BAE program in special education with a concentration in visual impairment provides a strong foundation in evidence-based, high-leverage practices in special education. The visual impairment concentration focuses on diagnostic assessment, orientation and mobility skills, and specific teaching methodologies for students with visual impairments. It includes a strong focus on assistive technology to advance learning in the classroom and in daily life.

Students are taught to collaborate with parents, classroom teachers and related service personnel to meet the needs of learners with visual impairments. The curriculum is aligned with Arizona and national standards consistent with the Council for Exceptional Children.

Starting in Term 5, the program is delivered in partnership with the Foundation for Blind Children in Phoenix, Arizona. Courses are taught by faculty associates from FBC and full-time ASU faculty to provide candidates with theoretical and practical perspectives on teaching and learning for individuals with visual impairments.

Professional experiences take place at the Foundation for Blind Children and within a local school district, providing experiences that prepare students to teach in both self-contained and inclusive settings.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Visually Impaired Special Education, birth-grade 12 and Mild-Moderate Disabilities Special Education, K-12, and an endorsement in Structured English Immersion, preK-12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate professional knowledge and/or subject knowledge educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors.

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPEVIBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, and they can conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. Graduates with a degree in special education (visual impairment) can teach in a variety of special education settings such as resource rooms, self-contained classrooms and co-teaching with general educators.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
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480-965-5555

Special Education and Elementary Education, BAE (TESPEBAE)

Campus: Polytechnic, Tempe, West, ASU@Northeastern Arizona, ASU@The Gila Valley, ASU@Yuma

ASU is not currently accepting applications to this program. Please see other options in the Mary Lou Fulton Teachers College.

Program Description:
The BAE program in special education and elementary education prepares students to work with all learners in inclusive settings.

Since the general education classroom is a viable placement option for many students with mild and moderate learning and behavioral disabilities, students in this program learn to use evidence-based practices that promote success with general education content, including high leverage practices in literacy, math, sciences and social studies. They develop adaptive techniques for learners with disabilities and use instructional and assistive technologies to facilitate success in the general education curriculum.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Mild/Moderate Disabilities Special Education, K-12, Elementary Education, K-8, and an endorsement in Structured English Immersion, preK-12, through the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate professional knowledge or subject knowledge educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: Transfer students who live in Arizona and outside of Maricopa County may be eligible to take regularly scheduled classes remotely via ASU Sync. Students can learn more on the college's website: https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 College Algebra

Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
A current ASU student has no additional requirements for changing majors

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPEBAE~null + &college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, conduct comparative research, and make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may visit ASU's study abroad website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/) to explore programs.

Career Opportunities:
Graduates of the program are eligible to teach in elementary education grades K--8 and K--12 for the following high-incidence disabilities:

- emotional disorders
- intellectual disabilities (mild or moderate)
- other health impairments
- orthopedic impairments
- specific learning disabilities

They can teach in a variety of inclusive educational settings, including public, charter and private schools as well as nontraditional settings (juvenile system, children's hospital, and more).

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 118
ASUeducation@asu.edu

480-965-5555

University College

Exploratory Health and Life Sciences, (UCHSCIEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, ASU@Lake Havasu, Online

Program Description:
The exploratory health and life sciences track offers students an opportunity to explore a variety of majors related to the health and life science professions.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while affording them some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

UNI 150 Major and Career Exploration
UNI 250 Choosing a Major
UNI 270 Career Direction for a Successful Future

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Math courses needed are determined by potential major choice.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major is available on the University College website at https://universitycollege.asu.edu/explore/advising (https://universitycollege.asu.edu/explore/advising).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCHSCIEXPL~null + &college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring health and life sciences on the global scale can be beneficial to students in narrowing down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
University College
Dean, University College
https://universitycollege.asu.edu/explore/advising
FULTN 420
exploratory@asu.edu
480-965-4464

Exploratory Humanities, Fine Arts and Design, (UCHUFAEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, ASU@Lake Havasu, Online

Program Description:
The exploratory humanities, fine arts and design track offers students an opportunity to explore a variety of majors related to the humanities, fine arts and design professions.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while affording them some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

UNI 150 Major and Career Exploration
UNI 250 Choosing a Major
UNI 270 Career Direction for a Successful Future

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Math courses needed are determined by potential major choice.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:

Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major is available on the University College website at https://universitycollege.asu.edu/explore/advising (https://universitycollege.asu.edu/explore/advising).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCHUFAEXPL~null + &college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring humanities on the global scale can be beneficial to students in narrowing down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while gaining global skills applicable to many careers, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education website: https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
University College
Dean, University College
https://universitycollege.asu.edu/explore/advising
USE 138
exploratory@asu.edu
480-965-4464

Exploratory Math, Physical Sciences, Engineering and Technology, (UCEMTPEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:
The exploratory mathematics, physical sciences, engineering and technology track offers students an opportunity to explore a variety of majors related to the mathematics, physical sciences, engineering and technology professions.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while taking some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

UNI 150 Major and Career Exploration
UNI 250 Choosing a Major
UNI 270 Career Direction for a Successful Future

Additional Program Fee: Y

Second Language Requirement: N
First Required Math Course: Math courses needed will be determined by potential major choice.
Program Math Intensity: Moderate

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major is available on the University College website at https://universitycollege.asu.edu/explore/advising (https://universitycollege.asu.edu/explore/advising).

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCEMTPEXPL~null + &college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:
Exploring math, physics, engineering and technology on the global scale can be beneficial to students in narrowing down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while gaining global skills applicable to many careers, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
University College
Dean, University College
https://universitycollege.asu.edu/explore/advising
USE 138
exploratory@asu.edu
480-965-4464

Campus: Downtown Phoenix, Polytechnic, Tempe, ASU@Lake Havasu, Online

Program Description:
The exploratory social and behavioral sciences track offers students an opportunity to explore a variety of majors related to the social and behavioral sciences, such as psychology, history, education, journalism and business-related careers.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill while taking some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

UNI 150 Major and Career Exploration
UNI 250 Choosing a Major
UNI 270 Career Direction for a Successful Future

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: Math courses needed are determined by potential major choice.
Program Math Intensity: General

Concurrent Program Options:
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission Requirements:
General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (https://admission.asu.edu/freshman/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Change of Major Requirements:
Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major is available on the following University College webpage.
https://universitycollege.asu.edu/explore/advising (https://universitycollege.asu.edu/explore/advising)

Students should refer to https://changemajor.apps.asu.edu for information about how to change a major to this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/)

ASU Local: It is now possible to earn an ASU degree with ASU Local, an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support. Those interested may learn more about ASU Local here. (https://asulocal.asu.edu)

Transfer Options:
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCSBSEXPL~null + &college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/pathway-programs.

Global Opportunities:
Global Experience:

Exploring social and behavioral sciences on the global scale can be beneficial to students narrowing down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while gaining global skills applicable to many careers, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website. https://goglobal.asu.edu/ (https://goglobal.asu.edu/)

Career Opportunities:
Career opportunities are specific to the ultimate major of choice.

Contact Information:
University College
Dean, University College
https://universitycollege.asu.edu/explore/advising
USE 138
exploratory@asu.edu
480-965-4464

Prelaw (LALAWPRE)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

The prelaw program at Arizona State University is not a degree program. There is no single major that prepares students for becoming a lawyer and there are no specific courses required for law school. Rather, students are encouraged to take a variety of courses --- classes that challenge students intellectually through heavy amounts of reading, writing, critical thinking and analysis. It is also recommended that students engage with more practical experiences in fields related to law (e.g., through internships, job shadowing and so forth).

Challenging courses and real-world experiences, in conjunction with the requirements for a student's major, constitute a prelaw program that prepares students for the next steps in pursuing a career in the legal field.

Additional Program Fee: No
Second Language Requirement: No
First Required Math Course:
Math Intensity:

Contact Information:

https://prelaw.asu.edu/

2022 - 2023 Major Map

Accountancy, BS

School/College: W. P. Carey School of Business
Location: Tempe campus, West campus
BAACCBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. • ACC 194 is the recommended elective for Accountancy students • Join a student club or organization • Create your first college resume
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
CIS 105: Computer Applications and Information Technology (CS)	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
PSY course (SB)	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 course with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal: 15.25

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I	3	C	• ACC 232 is the recommended ACC course for Accountancy students • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347. • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 OR ECN 212 with a grade of "C" or better.			
Complete MAT 211 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			

Term hours subtotal: 16.25

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II	3	C	• ACC 232 and ACC 242 are the recommended ACC courses for Accountancy students • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Business Skills Courses: No Grades of D or E			
Complete ACC 232 OR ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal: 15

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACC 330: Data Analytics in Accounting	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ACC 340: External Reporting I	3	C	
FIN 300: Fundamentals of Finance	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Complete ACC 242 OR ACC 241 with a grade of "C" or better.			

Term hours subtotal: 15.25

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ ACC 350: Internal Reporting	3	C
★ ACC 440: External Reporting II	3	C
★ LES 305: Business Law and Ethics for Managers	3	C
SCM 300: Global Supply Operations	3	C
Upper Division International Business Course AND Global Awareness (G)	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach
- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 430: Taxes and Business Decisions	3	C	
★ CIS 360: Business Database Concepts	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	15		

- ACC 360 is the recommended elective for Accountancy students
- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume
- Apply for full-time career opportunities

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 444: Enterprise Process Analysis and Design	3	C	
★ ACC 450: Principles of Auditing	3	C	
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Apply for full-time career opportunities
- Meet with your academic advisor to discuss your internship course options

Hide Course List(s)/Track Group(s)

Upper Division International Business Course - select one course (3 credit hours)	Business Skills Courses - No Grades of D or E
AGB 302: International Management and Agribusiness (G)	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ECN 306: Survey of International Economics (SB & G)	ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
MGT 302: Principles of International Business (G)	CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
MKT 425: Global Marketing Management (G)	
SCM 463: Global Supply Chain Management (G)	

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Accountancy, BS

School/College: W. P. Carey School of Business
Location: ASU Local
BAACCBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here. • Join a student club or organization
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
SOC course (SB)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 22.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
Term hours subtotal:	6.25		

Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Minimum 2.00 GPA ASU Cumulative.			complete three hours of elective credit.
	Term hours subtotal:	9	

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I	3	C	• ACC 232 and ACC 242 are the recommended ACC courses for Accountancy students • Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II	3	C	• ACC 232 and ACC 242 are the recommended ACC courses for Accountancy students • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU Career Fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 71.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACC 340: External Reporting I	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Meet with your W. P. Carey Career Coach • Update your resume
FIN 300: Fundamentals of Finance	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	9.25		

Term 5 - B 71.75 - 77.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 330: Data Analytics in Accounting	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Term hours subtotal:	6		

Term 6 - A 77.75 - 83.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 440: External Reporting II	3	C	• Complete informational interviews
ENG 302: Business Writing (L)	3		
Term hours subtotal:	6		

Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 350: Internal Reporting	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ CIS 360: Business Database Concepts	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 92.75 - 98.75 Credit Hours	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	• ACC 360 is the recommended elective for Accountancy students • Attend W. P. Carey and ASU Career Fairs
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 430: Taxes and Business Decisions	3	C	• Gather professional references • Update your resume
MGT 300: Organization and Management Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	9		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 444: Enterprise Process Analysis and Design	3	C	• Apply for full-time career opportunities
★ WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

ACC 450: Principles of Auditing	3	C
WPC 480: W. P. Carey Capstone Course (L)	3	C
Term hours subtotal:	6	

Hide Course List(s)/Track Group(s)

Upper Division International Business Course - select one course (3 credit hours)	Business Skills Courses - No Grades of D or E
AGB 302: International Management and Agribusiness (G)	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ECN 306: Survey of International Economics (SB & G)	ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
MGT 302: Principles of International Business (G)	CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
MKT 425: Global Marketing Management (G)	ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
SCM 463: Global Supply Chain Management (G)	ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
	ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
	MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
	MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business, BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus
BABUSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Complete the me3 career interest tool • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ECN 211: Macroeconomic Principles (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs • Must declare concentration by end of term 3
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Milestone: Selection of a concentration			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

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  - Not selectable as an ASU admission option.
  - Change of major into this program is not allowed.
  - Must declare concentration by the end of Term 3.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Business Skills Courses - No Grades of D or E
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
		CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
		ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
		ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
		ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
		MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
		MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 47.5
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Business Administration), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, West campus, ASU at Lake Havasu, ASU at The Gila Valley
BABUSBABA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time freshman • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	2		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
SCM 300: Global Supply Operations	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MGT 411: Leading Organizations	3	C	• For the Upper Division Track requirement, students should choose one of the tracks
WPC 300: Problem Solving and Actionable Analytics	3	C	

	Upper Division Track Course	3	C
	Upper Division International Business Elective AND Global Awareness (G)	3	C
	General Studies Elective	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

below: Business Administration, Healthy Lifestyles Coaching, Human Resources (Poly campus only), or Procurement (West campus only). Students will eventually complete three courses (nine credit hours) from the same track.

- Complete informational interviews.
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach .

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BUS 384: Business Operations and Planning	3	C	• All Upper Division Business Core classes (including International Business course) must be completed before enrolling in WPC 470 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WPC 470: Business Administration Capstone	3	C	• Students should complete their remaining Track Courses from the track previously chosen in Term 6. • Apply for full-time career opportunities.
WPC 448: Senior Career Transition Management	0.25	C	
Complete 2 courses: Upper Division Track Course	6	C	
Elective	3		
Term hours subtotal:	12.25		

- For the Upper Division Track Course requirement, students should choose one of the tracks below: Business Administration, Healthy Lifestyles Coaching, Human Resources (offered only at the Poly campus), or Procurement (offered only at the West campus). Students must complete three courses (nine credit hours) from the same track.
- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Education course requirements: ACC, AGB, BUA, BUS, CIS, ECN, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
- Courses that qualify as meeting the General Education course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Business Administration Track Courses
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 414: Food and Agribusiness Policy Issues (L)

MAT 210: Brief Calculus (MA)

MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

AGB 420: Food Advertising and Promotion

AGB 425: Food Supply Networks

AGB 435: Commodity Futures and Options Markets

AGB 445: Food Retailing

AGB 452: Global Food and Agricultural Trade

AGB 456: Food Product Innovation and Development

AGB 481: Strategic Pricing in Food Markets

BUS 424: Sales and Negotiations

BUS 434: Business Risk Management

COM 353: Professional Communication

MGT 400: Cross-Cultural Management (C & G)

MGT 420: Human Resource Management

MGT 421: Compensation in Organizations

MGT 422: Staffing

MGT 423: Training and Development in Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MGT 426: HR Consulting Projects

MGT 430: Negotiations

PHI 360: Business and Professional Ethics (HU)

PSY 304: Effective Thinking (L)

SCM 354: Procurement of Services

SCM 385: Business and Sustainability I

TMC 320: Funding the Enterprise

TWC 422: Social Media in the Workplace

Healthy Lifestyles Coaching Track Courses

CHS 300: An Exploration of Well-Being (SB)

CHS 340: Health Theory

EXW 101: Foundations of Health and Fitness Science

EXW 335: Physical Activity and Physiological Concepts

EXW 400: Stress Management for Wellness

Human Resources Track Courses (offered at Poly campus only)

Required:

MGT 420: Human Resource Management

Choose two other courses:

MGT 421: Compensation in Organizations

MGT 422: Staffing

Procurement Track Courses (offered at West campus only)

SCM 354: Procurement of Services

SCM 494: Advanced Procurement

SCM 494: Public & Non-Profit Procurement

HEP 380: Body Image and Wellness

HSC 355: Eating for Lifelong Health (SB)

HSC 440: Health Coaching Concepts and Skills

NTR 100: Introduction to Nutrition Science

NTR 241: Human Nutrition

SSP 320: Coaching Leadership, Performance Team and Facility Management

MGT 423: Training and Development in Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MGT 426: HR Consulting Projects

Upper Division International Business Course - select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Business Administration), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSBABA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

ECN 211: Macroeconomic Principles (SB)	3	C
PSY course (SB)	3	
Business Skills Courses: No Grades of D or E		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BUS 384: Business Operations and Planning	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
★ MGT 300: Organization and Management Leadership	3	C	
ENG 302: Business Writing (L)	3		
Term hours subtotal:	9		

Term 6 - A 77.75 - 84.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 300: Marketing and Business Performance	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 93.75 - 99.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Track Course	3	C	• For the Upper Division Track requirement, students should choose either the Business Administration Track or the Procurement Track below. Students will eventually complete three courses (nine credit hours) from the same track. • Attend W. P. Carey and ASU Career Fairs.
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6		

Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	• Students should continue taking courses from the same track they chose in the previous term. • Gather professional references. • Update your resume.
★ Upper Division Track Course	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Track Course	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified		Minimum	

by ★	Hours	Grade	Notes
★ WPC 470: Business Administration Capstone	3	C	• All upper division business core classes (including International Business course) must be completed before enrolling in WPC 470.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

- For the Upper Division Track Course requirement, students should choose either the Business Administration Track or the Procurement Track below. Students must complete three courses (nine credit hours) from the same track.
- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Business Administration Track Courses
AGB 420: Food Advertising and Promotion
AGB 425: Food Supply Networks
AGB 435: Commodity Futures and Options Markets
AGB 445: Food Retailing
AGB 456: Food Product Innovation and Development
AGB 481: Strategic Pricing in Food Markets
MGT 400: Cross-Cultural Management (C & G)
MGT 420: Human Resource Management
MGT 430: Negotiations
PHI 360: Business and Professional Ethics (HU)
SCM 354: Procurement of Services
SCM 385: Business and Sustainability I
TMC 320: Funding the Enterprise
TWC 422: Social Media in the Workplace

Procurement Track Courses
SCM 354: Procurement of Services
SCM 494: Advanced Procurement
SCM 494: Public & Non-Profit Procurement

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

BIO 320: Fundamentals of Ecology

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 312: Communication, Conflict, and Negotiation

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

ENG 210: Introduction to Creative Writing

ENG 310: Intermediate Creative Writing

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

ROM 101: Elementary Romanian Language and Culture I

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Communication), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus, ASU at Lake Havasu
BABUSCBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students in term 1 will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students in term 2 will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB)	3	C	
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
COM 230: Small Group Communication (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 259: Communication in Business and the Professions	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Elective	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 312: Communication, Conflict, and Negotiation	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach • COM 400 cannot be "Communication Conflict and Negotiation" or "Conflict and Negotiation" titles
COM 400: Communication in Professions OR COM 451: Communication and Work Relationships	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

Upper Division International Business Course AND Global Awareness (G)	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 430: Leadership in Group Communication	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
FIN 300: Fundamentals of Finance	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 453: Communication Training and Development	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Business Skills Courses - No Grades of D or E
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
		CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
		ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
		ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
		ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
		MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

	MAT 211: Mathematics for Business Analysis or Quantitative Course
Upper Division International Business Course-select one course (3 credit hours)	
AGB 302: International Management and Agribusiness (G)	
ECN 306: Survey of International Economics (SB & G)	
MGT 302: Principles of International Business (G)	
MKT 425: Global Marketing Management (G)	
SCM 463: Global Supply Chain Management (G)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Communication), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSCBA

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-year student registration information here • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

- Research study abroad opportunities recommended for your major

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 230: Small Group Communication (SB)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ECN 221: Business Statistics (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ COM 259: Communication in Business and the Professions	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3		• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
MGT 300: Organization and Management Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 6 - A 77.75 - 83.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 312: Communication, Conflict, and Negotiation	3	C	• Complete informational interviews
SCM 300: Global Supply Operations	3	C	
Term hours subtotal:	6		

Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
COM 400: Communication in Professions	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach • COM 400 cannot be "Communication Conflict and Negotiation" or "Conflict and Negotiation" titles
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 92.75 - 99.75 Credit Hours	Hours	Minimum Grade	Notes
FIN 300: Fundamentals of Finance	3	C	• Attend W. P. Carey and ASU Career Fairs
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 430: Leadership in Group Communication	3	C	• Gather professional references • Update your resume
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 453: Communication Training and Development	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

		Minimum	

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Grade	Notes
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Corporate Accounting), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSCABA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ACC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Elective	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU Career Fairs • Apply for internships or create one
Humanities, Arts and Design (HU)	3		
Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• If COM 259 was completed instead of COM 225 in Term 4-A, students will need to take a Literacy and Critical Inquiry (L) course to satisfy the General Studies university requirement.
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACC 310: Intermediate Accounting for Corporate Accountants	3	C	

SCM 300: Global Supply Operations	3	C
WPC 348: Junior Networking Foundations	0.25	C
Term hours subtotal:	6.25	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Meet with your W. P. Carey Career Coach
- Update your resume

Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ACC 320: Management Accounting for Corporate Accountants I	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 6 - A 77.75 - 86.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ACC 354: Governance, Risk, Compliance Internal Controls and Ethics	3	C	• Complete informational interviews
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
Term hours subtotal:	9		

Term 6 - B 86.75 - 92.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ACC 410: Financial Statement Analysis	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 92.75 - 98.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ACC 420: Management Accounting for Corporate Accountants II	3	C	• Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Term hours subtotal:	6		

Term 7 - B 98.75 - 105.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ACC 454: Taxes for Corporate Accountants	3	C	• Gather professional references • Update your resume
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 8 - A 105.75 - 112.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ WPC 448: Senior Career Transition Management	0.25	C	• Apply for full-time career opportunities
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 112.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	8		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Financial Planning), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSFPBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal: 15.25

Term 3 31.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
PSY course (SB)	3		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			

Term hours subtotal: 15.25

Term 4 46.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal: 16

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIN 300: Fundamentals of Finance	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
FIN 380: Personal Financial Management	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Complete ACC 241 with a grade of "C" or better.			

Term hours subtotal: 15.25

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIN 385: Personal Insurance Planning	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 386: Estate Planning Strategies	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	

Humanities, Arts and Design (HU)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 92.75 - 106.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 435: Personal Tax Management and Planning	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
★ FIN 420: Personal Portfolio Management	3	C	
MGT 300: Organization and Management Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 460: Personal Finance Cases and Modeling	3	C	• Apply for full-time career opportunities
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
WPC 484: Internships & Applied Academics OR Upper Division Elective	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

General Studies Electives	General Studies Electives Continued	Business Skills Courses - No Grades of D or E
ASL 101: American Sign Language I	LAT 101: Elementary Latin	

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 110: Intensive Japanese I

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Financial Planning), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSFPBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Humanities, Arts and Design (HU)	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIN 300: Fundamentals of Finance	3	C	

ENG 302: Business Writing (L)	3		• Meet with your W. P. Carey Career Coach • Update your resume
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 66.75 - 75.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 380: Personal Financial Management	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 75.75 - 81.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 385: Personal Insurance Planning	3	C	• Complete informational interviews
MKT 300: Marketing and Business Performance	3	C	
Term hours subtotal:	6		

Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 386: Estate Planning Strategies	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90.75 - 96.75 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	• Attend W. P. Carey and ASU Career Fairs
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 420: Personal Portfolio Management	3	C	• Gather professional references • Update your resume
General Studies Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 8 - A 105.75 - 112.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACC 435: Personal Tax Management and Planning	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	6.25		

Term 8 - B 112.00 - 120.00 Credit Hours Necessary course signified	Hours	Minimum	Notes

by		Grade	
FIN 460: Personal Finance Cases and Modeling	3	C	
General Studies Elective	3		
Upper Division Elective	2		
Term hours subtotal:	8		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

COM 453: Communication Training and Development

ENG 210: Introduction to Creative Writing

ENG 310: Intermediate Creative Writing

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

ROM 101: Elementary Romanian Language and Culture I

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Food Industry Management), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSFIMBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
AGB 100: Introduction to Agribusiness	3	C	
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIN 300: Fundamentals of Finance	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume • Meet with your academic advisor to discuss your internship course options
MKT 300: Marketing and Business Performance	3	C	
ENG 302: Business Writing (L)	3		
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AGB 420: Food Advertising and Promotion	3	C	• Complete informational interviews

★ AGB 425: Food Supply Networks	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
MGT 300: Organization and Management Leadership	3	C	
Upper Division International Business Course AND Global Awareness (G) (AGB 302 recommended)	3	C	
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ AGB 435: Commodity Futures and Options Markets	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
★ AGB 456: Food Product Innovation and Development	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division General Studies Elective	2		
Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ AGB 445: Food Retailing	3	C	• Apply for full-time career opportunities
★ AGB 481: Strategic Pricing in Food Markets	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
CHI 110: Intensive Chinese I
CHI 205: Chinese Calligraphy
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 281: Communication Activities
COM 312: Communication, Conflict, and Negotiation
COM 341: Social Contexts for Performance
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
COM 465: Intercultural Communication Workshop
ENG 210: Introduction to Creative Writing
ENG 213: Introduction to the Study of Language
ENG 310: Intermediate Creative Writing
ENG 314: Modern Grammar
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
GCU 433: Geography of Southeast Asia
GRK 101: Elementary Ancient Greek
GRK 201: Intermediate Ancient Greek
HST 389: Japan Society and Values/Premod
IDN 101: Elementary Indonesian I
IDN 102: Elementary Indonesian II
JPN 110: Intensive Japanese I
JPN 206: Japanese Calligraphy
JPN 414: Introduction to Classical Japanese

General Studies Electives Continued
LAT 101: Elementary Latin
LAT 102: Elementary Latin
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
MAT 310: Introduction to Geometry
MAT 342: Linear Algebra
MAT 370: Intermediate Calculus
MAT 371: Advanced Calculus I
MAT 372: Advanced Calculus II
MAT 410: Introduction to General Topology
MAT 415: Introduction to Combinatorics
MAT 416: Graph Theory
MAT 442: Advanced Linear Algebra
MAT 443: Introduction to Abstract Algebra
MAT 444: Intermediate Abstract Algebra
MAT 445: Theory of Numbers
MAT 460: Vector Calculus
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MAT 472: Intermediate Real Analysis I
MAT 475: Differential Equations
MAT 485: History of Mathematics
ROM 101: Elementary Romanian Language and Culture I
ROM 201: Intermediate Romanian Language and Culture I
ROM 313: Romanian Composition and Conversation
ROM 314: Romanian Composition and Conversation
RUS 101: Elementary Russian I
RUS 102: Elementary Russian II
SPA 101: Elementary Spanish I
SPA 102: Elementary Spanish II
SPA 111: Fundamentals of Spanish

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

KOR 101: First-Year Korean I	SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala
KOR 102: First-Year Korean II	WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Food Industry Management), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSFIMBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific First Year Seminar is required for all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
PSY course (SB)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7.25		

Term 4 - A 47.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
Term hours subtotal:	6		

Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach
SCM 300: Global Supply Operations	3	C	

WPC 348: Junior Networking Foundations	0.25	C	• Update your resume
Term hours subtotal:	6.25		

Term 5 - B 66.75 - 75.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
Elective	3		
Term hours subtotal:	9		

Term 6 - A 75.75 - 80.75 Credit Hours	Hours	Minimum Grade	Notes
WPC 300: Problem Solving and Actionable Analytics	3	C	• Complete informational interviews
Upper Division General Studies Elective	2		
Term hours subtotal:	5		

Term 6 - B 80.75 - 89.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AGB 420: Food Advertising and Promotion	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ FIN 300: Fundamentals of Finance	3	C	
★ Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 89.75 - 98.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AGB 456: Food Product Innovation and Development	3	C	• Attend W. P. Carey and ASU Career Fairs
Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 7 - B 98.75 - 104.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AGB 435: Commodity Futures and Options Markets	3	C	• Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
Term hours subtotal:	6		

Term 8 - A 104.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AGB 445: Food Retailing	3	C	• Apply for full-time career opportunities
★ AGB 481: Strategic Pricing in Food Markets	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

AGB 425: Food Supply Networks	3	C
Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship	3	
Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Uper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
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ASL 102: American Sign Language II
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ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing
ENG 310: Intermediate Creative Writing

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
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CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

ROM 101: Elementary Romanian Language and Culture I

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Global Agribusiness), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSGAGBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
AGB 100: Introduction to Agribusiness	3	C	
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) (BIO 100 recommended)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIN 300: Fundamentals of Finance	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	16.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AGB 321: Agribusiness Marketing	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
BUS 434: Business Risk Management OR AGB 333: Agribusiness Finance	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

Upper Division International Business Course AND Global Awareness (G) (AGB 302 recommended)	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AGB 410: Agribusiness Management	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
AGB 435: Commodity Futures and Options Markets	3	C	
AGB 452: Global Food and Agricultural Trade	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AGB 414: Food and Agribusiness Policy Issues (L)	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
MGT 300: Organization and Management Leadership	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division General Studies Elective	3		
Elective OR AGB 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

General Studies Electives	General Studies Electives Continued	Business Skills Courses - No Grades of D or E
ASL 101: American Sign Language I	LAT 101: Elementary Latin	

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Global Leadership), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSGBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. • Join a student club or organization
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-year student registration information here • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
PSY course (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 52.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 4 - B 52.50 - 59.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 59.50 - 65.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	

Term hours subtotal:	6.25

Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
Elective	3		
Term hours subtotal:	9		

Term 6 - A 74.75 - 80.75 Credit Hours	Hours	Minimum Grade	Notes
POS 486: International Political Economy (SB & G) OR POS 350: Comparative Politics (SB & G)	3	C	• Complete an in person or virtual practice interview
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		

Term 6 - B 80.75 - 88.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division International Business Course AND Global Awareness (G)	3	C	• Cannot share Upper Division International Business Elective with concentration course requirements. • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
Upper Division Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	8		

Term 7 - A 88.75 - 95.75 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Global Leadership Elective	3	C	• Attend W. P. Carey and ASU Career Fairs
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 7 - B 95.75 - 104.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	• Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	9		

Term 8 - A 104.75 - 111.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 430: Negotiations OR SCM 463: Global Supply Chain Management (G)	3	C	• SCM 463 cannot count as both International Business course requirement and major course. If SCM 463 is taken here, select another course to fulfill International Business course requirement. • Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Global Leadership Elective	3	C	
Term hours subtotal:	6.25		

Term 8 - B 111.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

⭐	MGT 400: Cross-Cultural Management (C & G)	3	C
	General Studies Elective	3	
	Upper Division Elective OR WPC 484: Internship	3	
	Term hours subtotal:	9	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Global Leadership Electives - select two courses (6 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
JUS 350: Immigration and Justice (SB & C)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
POS 350: Comparative Politics (SB & G)
POS 360: World Politics (SB & G)
POS 486: International Political Economy (SB & G)
SCM 463: Global Supply Chain Management (G)
SOC 352: Social Change (SB & G & H)

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

COM 312: Communication, Conflict, and Negotiation	ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
COM 414: Crisis Communication	ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
COM 430: Leadership in Group Communication	ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
COM 453: Communication Training and Development	MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
ENG 210: Introduction to Creative Writing	MAT 211: Mathematics for Business Analysis or Quantitative Course
ENG 310: Intermediate Creative Writing	
ENG 345: Selected Authors or Issues	
FAS 301: Introduction to Parenting	
MAT 242: Elementary Linear Algebra	
MAT 243: Discrete Mathematical Structures	
ROM 101: Elementary Romanian Language and Culture I	
SPA 101: Elementary Spanish I	
SPA 102: Elementary Spanish II	
SPA 111: Fundamentals of Spanish	
WPC 150: Business and Society	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSGLBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a "C" or better.			
Complete ECN 221 with a "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Complete ACC 241 with a "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SCM 354: Procurement of Services	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach • Complete informational interviews
MGT 300: Organization and Management Leadership	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	

General Studies Elective	3	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 314: Analytics for Logistics	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
★ SCM 344: Applied Logistics Management	3	C	
★ SCM 385: Business and Sustainability I	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	• Apply for full-time career opportunities
★ SCM 445: Advanced Logistics Management	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)
General Studies Electives	General Studies Electives Continued	Business Skills Courses - No Grades of D or E
ASL 101: American Sign Language I	LAT 101: Elementary Latin	

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSGLBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
General Studies Elective	3		
Cultural Diversity in the U.S. (C)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	

Term hours subtotal:	6.25

Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 354: Procurement of Services	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 314: Analytics for Logistics	3	C	• Attend W. P. Carey and ASU Career Fairs
★ SCM 385: Business and Sustainability I	3	C	
Term hours subtotal:	6		

Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	• Gather professional references • Update your resume
★ SCM 344: Applied Logistics Management	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Term hours subtotal:	9		

Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 445: Advanced Logistics Management	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	8.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes

Literacy and Critical Inquiry (L)	3	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

ENG 310: Intermediate Creative Writing

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

ROM 101: Elementary Romanian Language and Culture I

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Global Politics), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSGPBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Global Politics Concentration Course - Comparative Politics	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	2		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Global Politics Concentration Course - Global Issues and Problems	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Elective	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Global Politics Concentration Course - World Politics	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
POS 350: Comparative Politics (SB & G)	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

Upper Division International Business Course AND Global Awareness (G)	3	C	• Meet with your academic advisor to discuss your internship course options
Upper Division Elective OR POS 484: Internship OR WPC 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ POS 360: World Politics (SB & G)	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
SCM 300: Global Supply Operations	3	C	
MGT 300: Organization and Management Leadership	3	C	
Cultural Diversity in the U.S. (C)	3		
Upper Division Elective OR POS 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Global Politics Concentration Course - Global Issues and Problems	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR POS 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Global Politics Concentration (Comparative Politics) - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	CEL 494: Political Leadership and Statesmanship
		POS 150: Comparative Government (SB & G)
		POS 210: Political Ideologies (SB)
		POS 341: History of Political Philosophy II (HU & H)
		POS 352: European Democracies
		POS 452: China (SB & G)
		POS 453: Latin America (SB & G)
		POS 358: Southeast Asia (SB & G)

		POS 442: American Political Thought (HU)
Global Politics Concentration (Global Issues and Problems) - select two courses (6 credit hours)	Global Politics Concentration (World Politics) - select one course (3 credit hours)	Upper Division International Business Course - select one course (3 credit hours)
CEL 394: Left and Right Around the World	POS 300: Contemporary Global Controversies (SB & G)	AGB 302: International Management and Agribusiness (G)
CEL 494: Political Thought: Islam, Hinduism, Confucianism	POS 346: Problems of Democracy (HU)	ECN 306: Survey of International Economics (SB & G)
POS 351: Democratization (SB & G)	POS 348: Do You Want to Build a Nation? (L)	MGT 302: Principles of International Business (G)
POS 361: American Foreign Policy (SB & G)	POS 443: Topics in Contemporary Political Theory (HU)	MKT 425: Global Marketing Management (G)
POS 364: National Security, Intelligence, and Terrorism (SB)	POS 470: Law and the Political Order (SB)	SCM 463: Global Supply Chain Management (G)
POS 367: World Politics and Global Inequalities (G)	POS 475: Morality and Politics	
	POS 486: International Political Economy (SB & G)	
	SGS 101: Thinking Globally (SB & G) or SGS 301: Principles of Global Studies (G)	
	SGS 350: Economic Development and Globalization	

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Health Care), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSHCBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
Business Skills Courses: No Grades of D or E		
Complete ECN 211 or ECN 212 course(s) with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	
SCM 300: Global Supply Operations	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Business Health Care Track Course	3	C	
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

- Choose one of the available five Health Care tracks and within that track, complete at least four courses (12 credit hours).
- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Business Health Care Track Course	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division General Studies Elective	3		

- Complete informational interviews

	Upper Division International Business Elective AND Global Awareness (G)	3	C
	Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Business Health Care Track Course	3	C	
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	14		

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470
- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume
- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WPC 470: Business Administration Capstone	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Business Health Care Track Course	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	12.25		

- Apply for full-time career opportunities

- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Education course requirements: ACC, AGB, BUA, BUS, CIS, ECN, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
- Courses that qualify as meeting the General Education course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Health Care Analytics - 4 courses (12 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	CIS 235: Introduction to Information Systems
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	CIS 308: Advanced Excel in Business
		CIS 310: Business Data Visualization
		CIS 405: Business Intelligence

Health Care Community - 4 courses (12 credit hours)
HCR 231: Fundamentals of Community Health
HCR 335: Program Development and Management for Community Health
HCR 430: Foundation to Health Care Systems
HCR 435: Leaders in Community Health

Health Care Coordination - 4 courses (12 credit hours)
HCR 302: Social Determinants of Health
HCR 321: Advanced Concepts for Health Care Coordination
HCR 420: Professional Role Development: Health Care Coordination
HCR 422: Policy and Financial Principles in Health Care Coordination

Health Care Delivery - 4 courses (12 credit hours)
HCD 302: Health Care Management
HCD 303: Global Health Care Systems (G)
HCD 304: Health Care Finance
HCD 330: Health Care Systems in the U.S.
HCD 401: Leadership and Professionalism
HCD 402: Health Economics
HCD 403: Process Engineering

Health Care Innovation - 4 courses (12 credit hours)
HCI 311: Health Innovation: Foundational Concepts
HCI 421: Health Care Policy: The Innovator's View
HCI 425: Facilitating Innovation to Achieve Outcomes
HCI 428: Technology: A Tool to Advance Innovation in Health Care

Upper Division International Business Course - one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
CHI 110: Intensive Chinese I
CHI 205: Chinese Calligraphy
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 281: Communication Activities
COM 312: Communication, Conflict, and Negotiation
COM 341: Social Contexts for Performance
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
COM 465: Intercultural Communication Workshop
ENG 210: Introduction to Creative Writing
ENG 213: Introduction to the Study of Language
ENG 310: Intermediate Creative Writing
ENG 314: Modern Grammar
ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Human Resources), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSHRBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ECN 211: Macroeconomic Principles (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal: 15.25

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
PSY course (SB)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			

Term hours subtotal: 16.25

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal: 16

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
Humanities, Arts and Design (HU)	3		
WPC 348: Junior Networking Foundations	0.25	C	
Complete ACC 241 with a grade of "C" or better.			

Term hours subtotal: 15.25

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MGT 420: Human Resource Management	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
LES 305: Business Law and Ethics for Managers	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

Upper Division International Business Course AND Global Awareness (G)	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 421: Compensation in Organizations	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
★ MGT 423: Training and Development in Organizations	3	C	
★ MGT 425: Global Human Resources	3	C	
Upper Division Elective OR MGT 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 422: Staffing	3	C	• Apply for full-time career opportunities
★ MGT 424: Employment Law	3	C	
FIN 300: Fundamentals of Finance	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
General Studies Elective	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

General Studies Electives	General Studies Electives Continued	Business Skills Courses - No Grades of D or E
ASL 101: American Sign Language I	LAT 101: Elementary Latin	

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

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JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

KOR 102: First-Year Korean II	WPC 150: Business and Society

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
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Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Human Resources), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSHRBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. • Join a student club or organization.
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-year student registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track). • Students will complete MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in Term 1.
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will complete MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in Term 2. • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs. • Research study abroad opportunities recommended for your major.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 211: Macroeconomic Principles (SB)	3	C
Business Skills Courses: No Grades of D or E		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach. • Attend W. P. Carey and ASU Career Fairs.
PSY course (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148. • New transfer students will take WPC 347. • Develop your professional online presence .
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs. • Apply for internships or create one.
General Studies Elective	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach. • Update your resume.
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	

Term hours subtotal:	6.25

Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
General Studies Elective	3		
Term hours subtotal:	9		

Term 6 - A 77.75 - 85.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 420: Human Resource Management	3	C	• Complete an in person or virtual practice interview.
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

Term 6 - B 85.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division International Business Course AND Global Awareness (G)	3	C	• Cannot share Upper Division International Business Elective with concentration course requirements. • Complete an in person or virtual practice interview with your W. P. Carey Career Coach.
FIN 300: Fundamentals of Finance	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 91.75 - 101.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 421: Compensation in Organizations	3	C	• Attend W. P. Carey and ASU Career Fairs.
LES 305: Business Law and Ethics for Managers	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	10		

Term 7 - B 101.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 423: Training and Development in Organizations	3	C	• Gather professional references. • Update your resume.
★ MGT 425: Global Human Resources	3	C	
Term hours subtotal:	6		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 422: Staffing	3	C	• Apply for full-time career opportunities.
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

⭐ MGT 424: Employment Law		3	C
Upper Division Elective OR WPC 484: Internships & Applied Academics		3	
	Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

General Studies Electives	Business Skills Courses - No Grades of D or E
ASL 101: American Sign Language I	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ASL 102: American Sign Language II	ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
ASL 201: American Sign Language III	CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ASL 202: American Sign Language IV	ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
BIO 320: Fundamentals of Ecology	ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
COM 207: Introduction to Communication Inquiry	ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
COM 259: Communication in Business and the Professions	MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
COM 312: Communication, Conflict, and Negotiation	MAT 211: Mathematics for Business Analysis or Quantitative Course
COM 414: Crisis Communication	
COM 430: Leadership in Group Communication	
COM 453: Communication Training and Development	
ENG 210: Introduction to Creative Writing	
ENG 310: Intermediate Creative Writing	

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Information Security), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSISBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 235: Introduction to Information Systems	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ACC 241: Uses of Accounting Information II	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CIS 325: Fundamental Techniques for Business Data Analytics	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
CIS 360: Business Database Concepts	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues or CIS 402: Privacy, Ethics and Compliance Issues	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	

WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division International Business Elective AND Global Awareness (G)	3	C
Humanities, Arts and Design (HU)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ACO 330: Computer Networks	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
FIN 300: Fundamentals of Finance	3	C	
SCM 300: Global Supply Operations	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ FOR 350: Computer Forensics	3	C	• Apply for full-time career opportunities
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Studies course requirements: ACC, AGB, BUA, BUS, CIS, ECN, ENT, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
CHI 110: Intensive Chinese I
CHI 205: Chinese Calligraphy
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 281: Communication Activities
COM 312: Communication, Conflict, and Negotiation
COM 341: Social Contexts for Performance
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
COM 465: Intercultural Communication Workshop
ENG 210: Introduction to Creative Writing
ENG 213: Introduction to the Study of Language
ENG 310: Intermediate Creative Writing
ENG 314: Modern Grammar
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
GCU 433: Geography of Southeast Asia
GRK 101: Elementary Ancient Greek
GRK 201: Intermediate Ancient Greek
HST 389: Japan Society and Values/Premod
JPN 110: Intensive Japanese I
IDN 101: Elementary Indonesian I
IDN 102: Elementary Indonesian II

General Studies Electives Continued
LAT 101: Elementary Latin
LAT 102: Elementary Latin
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
MAT 310: Introduction to Geometry
MAT 342: Linear Algebra
MAT 370: Intermediate Calculus
MAT 371: Advanced Calculus I
MAT 372: Advanced Calculus II
MAT 410: Introduction to General Topology
MAT 415: Introduction to Combinatorics
MAT 416: Graph Theory
MAT 442: Advanced Linear Algebra
MAT 443: Introduction to Abstract Algebra
MAT 444: Intermediate Abstract Algebra
MAT 445: Theory of Numbers
MAT 460: Vector Calculus
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MAT 472: Intermediate Real Analysis I
MAT 475: Differential Equations
MAT 485: History of Mathematics
POR 102: Elementary Portuguese II (G)
ROM 101: Elementary Romanian Language and Culture I
ROM 201: Intermediate Romanian Language and Culture I
ROM 313: Romanian Composition and Conversation
ROM 314: Romanian Composition and Conversation
RUS 101: Elementary Russian I
RUS 102: Elementary Russian II
SPA 101: Elementary Spanish I
SCM 463: Global Supply Chain Management (G)

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

JPN 206: Japanese Calligraphy	SPA 102: Elementary Spanish II
JPN 414: Introduction to Classical Japanese	SPA 111: Fundamentals of Spanish
KOR 101: First-Year Korean I	SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala
KOR 102: First-Year Korean II	WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Information Security), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSISBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Upper Division Elective	2		
Term hours subtotal:	9		

Term 4 - B 55.50 - 61.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 61.50 - 67.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CIS 235: Introduction to Information Systems	3	C	

MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 67.75 - 76.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 325: Fundamental Techniques for Business Data Analytics	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 76.75 - 85.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 402: Privacy, Ethics and Compliance Issues	3	C	• Complete informational interviews
ENG 302: Business Writing (L)	3		
SCM 300: Global Supply Operations	3	C	
Term hours subtotal:	9		

Term 6 - B 85.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 360: Business Database Concepts	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 91.75 - 100.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 330: Computer Networks	3	C	• Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 7 - B 100.75 - 107.75 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	• Gather professional references • Update your resume
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 350: Computer Forensics	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes

LES 305: Business Law and Ethics for Managers	3	C
Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

ENG 310: Intermediate Creative Writing

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

ROM 101: Elementary Romanian Language and Culture I

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Language and Culture), BA

School/College: W. P. Carey School of Business
Location: Tempe campus, West campus
BABSLACUBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • ASU Language Placement: Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement exam. • Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree. • Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Language and Culture Track Course	4-8	C	
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14-18		

Term 2 14 - 30.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major • Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options. • WPC 150 is required of all first-year
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Language and Culture Track Course	4-5	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Complete MAT 210 with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	16.25-17.25	

business students. Transfer students will not be required to complete WPC 150.

Term 3 30.25 - 45.50 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Language and Culture Track Course	3-5	C	
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15.25-17.25		

Term 4 45.50 - 61.50 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
COM 263: Elements of Intercultural Communication (SB & C & G)	3		
Language and Culture Track Course	3-5	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-18		

Term 5 61.50 - 77.75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division Language and Culture Track Course AND Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB)	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3	C	
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	16.25		

		Minimum	

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ Upper Division Language and Culture Track Course	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
Upper Division Language and Culture Track Course AND Literacy and Critical Inquiry (L)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Language and Culture Track Course	6	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
MGT 302: Principles of International Business (G) OR ECN 306: Survey of International Economics (SB & G)	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Elective OR WPC 484: Internship	3		
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Language and Culture Track Course	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
MGT 459: International Management (G)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
Term hours subtotal:	12.25		

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  - Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.
  - The Spanish track is available on the Tempe and West campuses.
  - The Chinese, French, and Italian tracks are only available at the Tempe campus.
  - Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Elective - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		ECN 335: South Asia and the World Economy (SB & G)

ECN 360: Economic Development (SB & G)

ECN 436: International Trade Theory (SB & G)

ECN 438: International Monetary Economics (SB & G)

MGT 302: Principles of International Business (G)

MGT 400: Cross-Cultural Management (C & G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

Language and Culture - Chinese Track

CHI 120: Introduction to Chinese Culture (L or HU)

CHI 201: Second-Year Chinese I (G) or CHI 110: Intensive Chinese I

CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II

CHI 301: Third-Year Chinese I (G)

CHI 302: Third-Year Chinese II (G)

CHI 333: China (SB & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or CHI 343: Daoism ((L or HU) & G & H)

CHI 338: Daode Jing: Way to the West (L or HU) or CHI 451: Chinese Cultural History I ((HU or SB) & H)

CHI 401: Fourth-Year Chinese I (G)

CHI 402: Fourth-Year Chinese II (G)

CHI 407: Chinese for Academic and Professional Purposes I (G)

Language and Culture - Chinese Native Speaker Track

Complete all four courses below:

CHI 307: Introduction to Literary Chinese I (HU)

CHI 308: Introduction to Literary Chinese II (HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

Choose six courses from the list below:

CHI 333: China (SB & H)

CHI 336: Interpreting China's Classics ((L or HU) & H)

CHI 338: Daode Jing: Way to the West (L or HU)

CHI 343: Daoism ((L or HU) & G & H)

CHI 345: Chinese Film and Civilization

CHI 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H)

CHI 470: Modern Chinese Literature and Culture

Language and Culture - French Track

FRE 201: Intermediate French I (G) or FRE 110: Intensive French I (G)

FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G)

FRE 305: Readings in French Literature (G)

FRE 311: Oral and Written Expression I (G)

FRE 312: Oral and Written Expression II (G)

FRE 319: Business French (G)

FRE 321: French Cultural Masterpieces I ((L or HU) & H)

FRE 411: Advanced Spoken French (G)

FRE 412: Advanced Written French (G)

FRE 416: French Civilization II (HU & G)

Language and Culture - Italian Track

ITA 201: Intermediate Italian I (G) or ITA 110: Intensive Italian I (G)

ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G)

ITA 311: Speak Italy: Language, People, Culture (G)

Language and Culture - Spanish Track

SPA 201: Intermediate Spanish (G) or SPA 203: Intermediate Spanish I for Bilinguals (C & G) or SPA 110: Intensive Spanish I (G)

SPA 202: Intermediate Spanish (G) or SPA 204: Intermediate Spanish II for Bilinguals (C & G) or SPA 210: Intensive Spanish II (G)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or

ITA 312: Write Italy: Language, People, Culture (L & G)

ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G)

ITA 319: Italian for Professions

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H)

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)

ITA 413: Advanced Italian (G)

ITA 414: French and Italian Popular Culture ((L or HU) & G) or ITA 420: Italian Cinema (L & G)

SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C)

SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C)

SPA 319: Business Correspondence and Communication (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 402: Written Communication for the Professions (C) or SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)

SPA 412: Advanced Conversation and Composition (G)

SPA 4** Elective (SPA 472 recommended)

SPA course (L) Upper Division

ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Law), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSLBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAW 210: Introduction to American Legal System and Business Law	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ACC 241: Uses of Accounting Information II	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Law Concentration Elective	3	C	• LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available. • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
LES 305: Business Law and Ethics for Managers	3	C	
SCM 300: Global Supply Operations	3	C	
Upper Division General Studies Elective	3		
WPC 348: Junior Networking Foundations	0.25	C	
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	Upper Division Law Concentration Elective	3	C
	MKT 300: Marketing and Business Performance	3	C
	WPC 300: Problem Solving and Actionable Analytics	3	C
	Upper Division International Business Course AND Global Awareness (G)	3	C
	Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

- LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available.
- Complete informational interviews
- Meet with your academic advisor to discuss your internship course options

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ *Complete 2 courses:* Upper Division Law Concentration Elective	6	C	• LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available. • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
MGT 300: Organization and Management Leadership	3	C	
Upper Division Elective	2		
Upper Division General Studies Elective	3		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ LAW 480: Business Law	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
FIN 300: Fundamentals of Finance	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.
- LAW 394 "Law School Foundation" is not accepted as a Law Concentration Elective

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Law Concentration Electives - select four courses (12 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 414: Food and Agribusiness Policy Issues (L)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	COM 222: Argumentation (L)
		COM 326: Court Room Oratory

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
CHI 110: Intensive Chinese I
CHI 205: Chinese Calligraphy
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 281: Communication Activities
COM 312: Communication, Conflict, and Negotiation

General Studies Electives Continued
ENG 216: Persuasive Writing on Public Issues (L)
ENG 472: Rhetorical Studies (L)
HST 322: Constitutional History of the United States Since 1865 (H)
LAW 394: Special Topics
LAW 494: Special Topics
LES 380: Consumer Perspective of Business Law
MGT 420: Human Resource Management
MGT 424: Employment Law
MGT 430: Negotiations
PHI 103: Principles of Sound Reasoning (L or HU)
PHI 307: Philosophy of Law (HU)
POS 325: Public Policy Development (SB)
POS 465: International Organization and Law (SB & G)
POS 471: Constitutional Law I (SB)
POS 472: Constitutional Law II (SB)
POS 484: Internship
REA 411: Real Estate Law
TWC 451: Copyright and Intellectual Property in the Electronic Age

General Studies Electives Continued
LAT 101: Elementary Latin
LAT 102: Elementary Latin
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
MAT 310: Introduction to Geometry
MAT 342: Linear Algebra
MAT 370: Intermediate Calculus
MAT 371: Advanced Calculus I
MAT 372: Advanced Calculus II
MAT 410: Introduction to General Topology
MAT 415: Introduction to Combinatorics
MAT 416: Graph Theory
MAT 442: Advanced Linear Algebra

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 271: Calculus with Analytic Geometry II (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Law), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSLBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Upper Division General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	1		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LAW 210: Introduction to American Legal System and Business Law	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
MKT 300: Marketing and Business Performance	3	C	

WPC 348: Junior Networking Foundations	0.25	C
Term hours subtotal:	6.25	

Term 5 - B 66.75 - 75.75 Credit Hours	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3		• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 75.75 - 82.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Law Concentration Elective	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 82.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Law Concentration Elective	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 91.75 - 100.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Law Concentration Elective	3	C	• Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Upper Division General Studies Elective	3		
Term hours subtotal:	9		

Term 7 - B 100.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Law Concentration Elective	3	C	• Gather professional references • Update your resume
MGT 300: Organization and Management Leadership	3	C	
Upper Division Elective	1		
Term hours subtotal:	7		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LAW 480: Business Law	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes

Literacy and Critical Inquiry (L)	3	
Upper Division Elective OR WPC 484: Internship	3	
Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.
- LAW 394 "Law School Foundation" is not accepted as a Law Concentration Elective

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Law Concentration Electives - select four courses (12 credit hours)
ENG 216: Persuasive Writing on Public Issues (L)
LAW 394: Special Topics
LAW 494: Special Topics
MGT 420: Human Resource Management
MGT 430: Negotiations
PHI 103: Principles of Sound Reasoning (L or HU)
PHI 307: Philosophy of Law (HU)
POS 325: Public Policy Development (SB)
POS 484: Internship
TWC 451: Copyright and Intellectual Property in the Electronic Age

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

COM 414: Crisis Communication	ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
COM 430: Leadership in Group Communication	ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
COM 453: Communication Training and Development	MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
ENG 210: Introduction to Creative Writing	MAT 211: Mathematics for Business Analysis or Quantitative Course
ENG 310: Intermediate Creative Writing	
ENG 345: Selected Authors or Issues	
FAS 301: Introduction to Parenting	
MAT 242: Elementary Linear Algebra	
MAT 243: Discrete Mathematical Structures	
ROM 101: Elementary Romanian Language and Culture I	
SPA 101: Elementary Spanish I	
SPA 102: Elementary Spanish II	
SPA 111: Fundamentals of Spanish	
WPC 150: Business and Society	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Public Service and Public Policy), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSPBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ACC 241: Uses of Accounting Information II	3	C	
General Studies Elective	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Humanities, Arts and Design (HU)	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 300: Public Management and Administration	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume • Meet with your academic advisor to discuss your internship course options
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete informational interviews
FIN 300: Fundamentals of Finance	3	C	

Upper Division International Business Course AND Global Awareness (G)	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ PAF 311: Leadership and Change (SB)	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division PSPP Concentration Course	3	C	
Upper Division Elective	2		
Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division PSPP Concentration Course	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	PSPP Concentration Courses - select two courses (6 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	CEL 394: Liberalism and Conservatism in America
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	CEL 494: Adam Smith and Classical Political Economy
		PAF 302: Public Service Research Methods
		PAF 410: Building Leadership Skills (SB)
		PAF 460: Public Service Ethics
		PAF 470: Topics in Public Economics and Financial Management

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
CHI 110: Intensive Chinese I
CHI 205: Chinese Calligraphy
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 281: Communication Activities
COM 312: Communication, Conflict, and Negotiation
COM 341: Social Contexts for Performance
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
COM 465: Intercultural Communication Workshop
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ENG 213: Introduction to the Study of Language
ENG 310: Intermediate Creative Writing
ENG 314: Modern Grammar
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
GCU 433: Geography of Southeast Asia
GRK 101: Elementary Ancient Greek
GRK 201: Intermediate Ancient Greek
HST 389: Japan Society and Values/Premod
JPN 110: Intensive Japanese I
IDN 101: Elementary Indonesian I
IDN 102: Elementary Indonesian II

General Studies Electives Continued
PAF 471: Public Policy Analysis
LAT 101: Elementary Latin
LAT 102: Elementary Latin
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
MAT 310: Introduction to Geometry
MAT 342: Linear Algebra
MAT 370: Intermediate Calculus
MAT 371: Advanced Calculus I
MAT 372: Advanced Calculus II
MAT 410: Introduction to General Topology
MAT 415: Introduction to Combinatorics
MAT 416: Graph Theory
MAT 442: Advanced Linear Algebra
MAT 443: Introduction to Abstract Algebra
MAT 444: Intermediate Abstract Algebra
MAT 445: Theory of Numbers
MAT 460: Vector Calculus
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MAT 472: Intermediate Real Analysis I
MAT 475: Differential Equations
MAT 485: History of Mathematics
POR 102: Elementary Portuguese II (G)
ROM 101: Elementary Romanian Language and Culture I
ROM 201: Intermediate Romanian Language and Culture I
ROM 313: Romanian Composition and Conversation
ROM 314: Romanian Composition and Conversation
RUS 101: Elementary Russian I
RUS 102: Elementary Russian II
SPA 101: Elementary Spanish I

JPN 206: Japanese Calligraphy	SPA 102: Elementary Spanish II
JPN 414: Introduction to Classical Japanese	SPA 111: Fundamentals of Spanish
KOR 101: First-Year Korean I	SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala
KOR 102: First-Year Korean II	WPC 150: Business and Society

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
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ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
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Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

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General Studies Core Requirements:

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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Retail Management), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSRBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or College specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	

Term hours subtotal:	6.25

Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 440: Quality Management/Measurement	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 385: Business and Sustainability I	3	C	• Attend W. P. Carey and ASU Career Fairs
General Studies Elective	3		
Term hours subtotal:	6		

Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	• Gather professional references • Update your resume
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	9		

Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AGB 445: Food Retailing	3	C	• Apply for full-time career opportunities
MKT 396: Essentials of Services Marketing	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective	2		
Term hours subtotal:	8.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ MKT 420: Retail Management		3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)		3	
	Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing
ENG 310: Intermediate Creative Writing

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

ROM 101: Elementary Romanian Language and Culture I

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Sports Business), BA

School/College: W. P. Carey School of Business
Location: Tempe campus, West campus
BABUSMSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
MKT 311: Sports Business	3	C	
ENG 302: Business Writing (L)	3		
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
General Studies Elective	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 421: Fan Behavior and Sports Marketing	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
MGT 300: Organization and Management Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

	Upper Division International Business Course AND Global Awareness (G)	3	C
	Humanities, Arts and Design (HU)	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Sports Business Elective	6	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective	2		
Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 465: Sports and Media	3	C	• Apply for full-time career opportunities
FIN 300: Fundamentals of Finance	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Sports Business Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division Sports Business Electives - select 3 courses (9 credit hours, MKT 494 must be sports related)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AFR 375: Race, Gender and Sport (SB & C)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	MCO 420: Strategic Sports Communication
		MKT 431: Sports Events and Facility Management
		MKT 441: Sports Revenue Generation
		MKT 451: Sports Business Analytics
		MKT 484: Internship
		MKT 493: Honors Thesis (L)
		MKT 494: Special Topics
General Studies Electives		General Studies Electives Continued

Upper Division International Business Course - select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Sports Business), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSMSBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
General Studies Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 59.50 - 65.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	

Term hours subtotal:	6.25

Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 311: Sports Business	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 74.75 - 81.75 Credit Hours	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 421: Fan Behavior and Sports Marketing	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Sports Business Elective	3	C	• Attend W. P. Carey and ASU Career Fairs
MGT 300: Organization and Management Leadership	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 7 - B 99.75 - 105.75 Credit Hours	Hours	Minimum Grade	Notes
FIN 300: Fundamentals of Finance	3	C	• Gather professional references • Update your resume
Upper Division Sports Business Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 465: Sports and Media	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	8.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Sports Business Elective	3	C	

General Studies Elective	3
Term hours subtotal:	6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division Sports Business Electives - select 3 courses (9 credit hours, MKT 494 must be sports related)
AFR 375: Race, Gender and Sport (SB & C)
MKT 441: Sports Revenue Generation
MKT 451: Sports Business Analytics
MKT 484: Internship
MKT 494: Special Topics

Upper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing
ENG 310: Intermediate Creative Writing
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
ROM 101: Elementary Romanian Language and Culture I
SPA 101: Elementary Spanish I
SPA 102: Elementary Spanish II
SPA 111: Fundamentals of Spanish
WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Statistics), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSTABA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Business Statistics students are encouraged to take STP 420 early, if you are considering taking additional statistics courses • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach
ENG 302: Business Writing (L)	3		
LES 305: Business Law and Ethics for Managers	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CIS 310: Business Data Visualization	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
STP 420: Introductory Applied Statistics (CS)	3	C	
FIN 300: Fundamentals of Finance	3	C	

	Upper Division International Business Course AND Global Awareness (G)	3	C
	Humanities, Arts and Design (HU)	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ STP 310: Design and Analysis of Experiments	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
★ STP 311: Regression and Time Series Analyses	3	C	
MGT 300: Organization and Management Leadership	3	C	
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 405: Business Intelligence	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
★ STP 315: Statistical Computing	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR STP 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

General Studies Electives	General Studies Electives Continued	Business Skills Courses - No Grades of D or E
ASL 101: American Sign Language I	LAT 101: Elementary Latin	

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Sustainability), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus
BABUSSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 46.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
SOS 110: Sustainable World (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15.25		

Term 4 46.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
SOS 111: Sustainable Cities ((HU or SB) & G) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Business Skills Courses: No Grades of D or E.			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 62.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
SOS 325: The Economics of Sustainability	3	C	
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ACC 241 with a grade of "C" or better.			
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	16.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Sustainability Elective	3	C	• Complete informational interviews
MKT 300: Marketing and Business Performance	3	C	

WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Cultural Diversity in the U.S. (C)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 2.50 GPA in Major Courses.		
Term hours subtotal:	15	

- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 385: Business and Sustainability I	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 485: Business and Sustainability II	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	12.25		

-
  - Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
  - SOS 492 is not accepted as a Upper Division Sustainability Elective

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division Sustainability Elective
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 414: Food and Agribusiness Policy Issues (L)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	AGB 452: Global Food and Agricultural Trade
		SOS Upper Division Elective

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Sustainability), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSSBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hous of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

ECN 211: Macroeconomic Principles (SB)	3	C
PSY course (SB)	3	
Business Skills Courses: No Grades of D or E.		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
SOS 110: Sustainable World (SB)	3	C	
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
SOS 111: Sustainable Cities ((HU or SB) & G) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	

	Term hours subtotal:	6.25	

Term 5 - B 68.75 - 77.75 Credit Hours	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3		• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
LES 305: Business Law and Ethics for Managers	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 77.75 - 84.75 Credit Hours	Hours	Minimum Grade	Notes
SOS 325: The Economics of Sustainability	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	7		

Term 6 - B 84.75 - 90.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Organization and Management Leadership	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 385: Business and Sustainability I	3	C	• Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	9		

Term 7 - B 99.75 - 105.75 Credit Hours	Hours	Minimum Grade	Notes
SOS Upper Division Elective	3	C	• Gather professional references • Update your resume
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	6		

Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 485: Business and Sustainability II	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	8.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or Quantitative Course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Technology), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSTCBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEM 400: Technology Entrepreneurship	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
Technology Focus Area Course	3	C	
MGT 300: Organization and Management Leadership	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TMC 470: Enterprise Planning and Implementation	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
ENG 302: Business Writing (L)	3		
Upper Division International Business Elective AND Global Awareness (G)	3	C	

	Technology Focus Area Course	3	C
	Upper Division General Studies Elective	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Technology Focus Area Course	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective	2		
Upper Division Elective OR TEM 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Technology Focus Area Course	3	C	• Apply for full-time career opportunities
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Humanities, Arts and Design (HU)	3		
Upper Division General Studies Elective	3		
Term hours subtotal:	12.25		

- • Choose one Focus Area and complete 12 credit hours.
  • Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Technology Focus Area (Digital Media) - choose one focus area (12 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	GIT 215: Introduction to Web Authoring
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	GIT 230: Digital Illustration in Publishing
		GIT 303: Digital Publishing
		GIT 334: Image Editing and Manipulation
Technology Focus Area (Social Entrepreneurship) - choose one focus area (12 credit hours)	Upper Division International Business Course - select one course (3 credit hours)	General Studies Electives
AGB 321: Agribusiness Marketing	AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I
AGB 333: Agribusiness Finance		ASL 102: American Sign Language II
		ASL 201: American Sign Language III

TEM 230: Creativity and Business Innovation

TEM 431: Innovation Management

TEM 455: Global Impact Entrepreneurship

TMC 331: Quality Assurance

TMC 430: Enterprise Strategy and Innovation

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

Business Skills Courses - No Grades of D or E

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Tourism), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSTBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete MAT 210 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TDM 205: Introduction to Travel and Tourism (G)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ACC 241: Uses of Accounting Information II	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division General Studies Elective	3		
Business Skills Courses: No Grades of D or E.			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Tourism Concentration Elective	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Tourism Concentration Elective	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

Upper Division Elective	2	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	14	

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Tourism Concentration Elective	3	C	• Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR MGT 484: Internship	3		
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Tourism Concentration Elective	6	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Tourism Concentration Electives - select five courses (15 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	PRM 145: Special Events Management
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	TDM 225: Introduction to Resort and Hotel Management
		TDM 345: Meeting and Convention Planning
		TDM 350: Tourism, Recreation and Sports Marketing
		TDM 372: Tourism Planning (L)
		TDM 386: Convention Sales and Management
		TDM 415: Tourism Transportation Systems
		TDM 448: Heritage and Cultural Tourism
		TDM 458: International Tourism (G)
		TDM 475: Entrepreneurial Recreation and Tourism

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
CHI 110: Intensive Chinese I
CHI 205: Chinese Calligraphy
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 281: Communication Activities
COM 312: Communication, Conflict, and Negotiation
COM 341: Social Contexts for Performance
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
COM 465: Intercultural Communication Workshop
ENG 210: Introduction to Creative Writing
ENG 213: Introduction to the Study of Language
ENG 310: Intermediate Creative Writing
ENG 314: Modern Grammar
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
GCU 433: Geography of Southeast Asia
GRK 101: Elementary Ancient Greek
GRK 201: Intermediate Ancient Greek
HST 389: Japan Society and Values/Premod
JPN 110: Intensive Japanese I

General Studies Electives Continued
LAT 101: Elementary Latin
LAT 102: Elementary Latin
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
MAT 310: Introduction to Geometry
MAT 342: Linear Algebra
MAT 370: Intermediate Calculus
MAT 371: Advanced Calculus I
MAT 372: Advanced Calculus II
MAT 410: Introduction to General Topology
MAT 415: Introduction to Combinatorics
MAT 416: Graph Theory
MAT 442: Advanced Linear Algebra
MAT 443: Introduction to Abstract Algebra
MAT 444: Intermediate Abstract Algebra
MAT 445: Theory of Numbers
MAT 460: Vector Calculus
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MAT 472: Intermediate Real Analysis I
MAT 475: Differential Equations
MAT 485: History of Mathematics
POR 102: Elementary Portuguese II (G)
ROM 101: Elementary Romanian Language and Culture I
ROM 201: Intermediate Romanian Language and Culture I
ROM 313: Romanian Composition and Conversation
ROM 314: Romanian Composition and Conversation
RUS 101: Elementary Russian I
TDM 480: Sustainable Tourism
TDM 483: Sports Tourism
TDM 484: Internship

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 271: Calculus with Analytic Geometry II (MA)

MAT 211: Mathematics for Business Analysis or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative course

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business (Tourism), BA

School/College: W. P. Carey School of Business
Location: ASU Local
BABUSTBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• View ASU Online first-time freshmen registration information here. • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) • Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 • Join a student club or organization
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
SOC course (SB)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

		Minimum	

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
TDM 205: Introduction to Travel and Tourism (G)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach
SCM 300: Global Supply Operations	3	C	

WPC 348: Junior Networking Foundations	0.25	C	• Update your resume
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
Tourism Concentration Elective	3	C	
Term hours subtotal:	9		

Term 6 - A 77.75 - 85.75 Credit Hours	Hours	Minimum Grade	Notes
WPC 300: Problem Solving and Actionable Analytics	3	C	• Complete informational interviews
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

Term 6 - B 85.75 - 92.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 92.75 - 98.75 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Tourism Concentration Elective	3	C	• Attend W. P. Carey and ASU Career Fairs
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6		

Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LES 305: Business Law and Ethics for Managers	3	C	• Gather professional references • Update your resume
Upper Division Tourism Concentration Elective	3	C	
Upper Division General Studies Elective	3		
Term hours subtotal:	9		

Term 8 - A 107.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
WPC 448: Senior Career Transition Management	0.25	C	• Apply for full-time career opportunities
Upper Division Tourism Concentration Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Tourism Concentration Elective	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
	Term hours subtotal:	6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)
MAT 210: Brief Calculus (MA)

MAT 210 Track (dependent on the student's math placement)
MAT 210: Brief Calculus (MA)
MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Tourism Concentration Electives - select five courses (15 credit hours)
PRM 145: Special Events Management
TDM 225: Introduction to Resort and Hotel Management
TDM 345: Meeting and Convention Planning
TDM 350: Tourism, Recreation and Sports Marketing
TDM 386: Convention Sales and Management
TDM 448: Heritage and Cultural Tourism
TDM 458: International Tourism (G)
TDM 475: Entrepreneurial Recreation and Tourism
TDM 480: Sustainable Tourism
TDM 483: Sports Tourism
TDM 484: Internship

International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

COM 453: Communication Training and Development	ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
ENG 210: Introduction to Creative Writing	MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
ENG 310: Intermediate Creative Writing	MAT 211: Mathematics for Business Analysis or Quantitative Course
ENG 345: Selected Authors or Issues	
FAS 301: Introduction to Parenting	
MAT 242: Elementary Linear Algebra	
MAT 243: Discrete Mathematical Structures	
ROM 101: Elementary Romanian Language and Culture I	
SPA 101: Elementary Spanish I	
SPA 102: Elementary Spanish II	
SPA 111: Fundamentals of Spanish	
WPC 150: Business and Society	

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business Data Analytics, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BABDABS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete MAT 210 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	15.25	

- Research study abroad opportunities recommended for your major

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 OR ECN 212 with a grade of "C" or better.			
Complete MAT 211 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 60.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 235: Introduction to Information Systems	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ACC 241: Uses of Accounting Information II	3	C	
General Studies Elective	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 5 60.50 - 75.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CIS 325: Fundamental Techniques for Business Data Analytics	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
CIS 365: Business Database Systems Development	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 75.75 - 90.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ CIS 315: Introduction to Business Data Analytics	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ CIS 355: Business Data Warehouses and Dimensional Modeling	3	C	
★ Upper Division International Business Course AND Global Awareness (G)	3	C	
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90.75 - 105.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ CIS 375: Business Data Mining	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
★ CIS 415: Big Data Analytics in Business	3	C	
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	15		

Term 8 105.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ CIS 450: Enterprise Analytics	3	C	• Apply for full-time career opportunities
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
General Studies Elective	2		
Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	14.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Upper Division International Business Course-select one course (3 credit hours)	General Studies Electives	General Studies Electives Continued
AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I	LAT 101: Elementary Latin
ECN 306: Survey of International Economics (SB & G)	ASL 102: American Sign Language II	LAT 102: Elementary Latin
	ASL 201: American Sign Language III	MAT 242: Elementary Linear Algebra
	ASL 202: American Sign Language IV	MAT 243: Discrete Mathematical Structures

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business Data Analytics, BS

School/College: W. P. Carey School of Business
Location: ASU Local
BABDABS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

instead
complete three hours of elective credit.

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
General Studies Elective	3		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
General Studies Elective	2		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CIS 235: Introduction to Information Systems	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ CIS 325: Fundamental Techniques for Business Data Analytics	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
★ CIS 365: Business Database Systems Development	3	C	
ENG 302: Business Writing (L)	3		
Term hours subtotal:	9		

Term 6 - A 74.75 - 83.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ CIS 315: Introduction to Business Data Analytics	3	C	• Complete informational interviews
★ CIS 355: Business Data Warehouses and Dimensional Modeling	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - B 83.75 - 89.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ CIS 375: Business Data Mining	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Elective AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 89.75 - 98.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ CIS 415: Big Data Analytics in Business	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ CIS 450: Enterprise Analytics	3	C	• Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	9		

Term 8 - A 107.75 - 114.00 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
SCM 300: Global Supply Operations	3	C	• Apply for full-time career opportunities
Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics	3		
WPC 448: Senior Career Transition Management	0.25	C	
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Upper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing
ENG 310: Intermediate Creative Writing
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
ROM 101: Elementary Romanian Language and Culture I
SPA 101: Elementary Spanish I
SPA 102: Elementary Spanish II
SPA 111: Fundamentals of Spanish
WPC 150: Business and Society

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business Entrepreneurship, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUENTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC 101: Introductory Sociology (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. • PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 7
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
PSY 101: Introduction to Psychology (SB)	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	15.25	

- Explore student leadership opportunities and mentorship programs in W. P. Carey
- Research study abroad opportunities recommended for your major

Term 3 31.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective (ENT 290 recommended)	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 or ECN 212 with a grade of "C" or better.			
Complete MAT 211 with a grade of "C" or better.			
Minimum 2.50 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15.25		

Term 4 46.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Apply for internships or create one.
ENT 305: Principles of Entrepreneurship	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Upper Division Elective	1		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENT 360: Entrepreneurship and Value Creation	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
MGT 300: Organization and Management Leadership	3	C	
ENG 302: Business Writing (L)	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 94.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division ENT Track Course	3	C	• Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options. • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 94.75 - 106.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 320: Organizational Behavior	3	C	• Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options. • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options
LES 305: Business Law and Ethics for Managers	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Elective OR ENT 484: Internship OR WPC 484: Internship	3		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND MGT 302 or International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	12		

Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
★ Upper Division ENT Track Course	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Entrepreneurship Elective	3	C	
General Studies Elective	3		
Upper Division Elective	1		
Term hours subtotal:	13.25		

-
  - Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.
  - Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
  - Maximum three hours of Internship (*** 484) courses can be used towards the Upper Division Entrepreneurship Elective

Hide Course List(s)/Track Group(s)

ENT Management Track - select two courses (6 credit hrs)	ENT Finance Track - select two courses (6 credit hrs)	ENT Start Up Track - complete two courses (6 credit hrs)
ENT 441: Entrepreneurial Management	ENT 446: Venture Capital Experience	ENT 446: Venture Capital Experience
ENT 448: Corporate Entrepreneurship	FIN 455: Entrepreneurial Finance	ENT 447: Lean Launch
MKT 435: Entrepreneurial Marketing		
MKT 440: Creating Digital Experiences		

ENT Studies Track - select two courses (6 credit hrs)	Upper Division Entrepreneurship Elective - select one course (3 credit hours)	Upper Division International Business Course - select one course (3 credit hours)
ENT 340: Creativity and Innovation (L or HU)	ENT 340: Creativity and Innovation (L or HU)	AGB 302: International Management and Agribusiness (G)
ENT 441: Entrepreneurial Management	ENT 441: Entrepreneurial Management	ECN 306: Survey of International Economics (SB & G)
ENT 446: Venture Capital Experience	ENT 446: Venture Capital Experience	MGT 302: Principles of International Business (G)
ENT 447: Lean Launch	ENT 447: Lean Launch	MKT 425: Global Marketing Management (G)
ENT 448: Corporate Entrepreneurship	ENT 448: Corporate Entrepreneurship	SCM 463: Global Supply Chain Management (G)
ENT 464: Collaborative Design Development I (L)	ENT 464: Collaborative Design Development I (L)	
ENT 465: Collaborative Design Development II (L)	ENT 465: Collaborative Design Development II (L)	
ENT 484: Internship	ENT 484: Internship	
ENT 493: Honors Thesis (L)	ENT 493: Honors Thesis (L)	
FIN 455: Entrepreneurial Finance	FIN 455: Entrepreneurial Finance	
MGT 310: Collaborative Team Skills	MGT 310: Collaborative Team Skills	
MGT 411: Leading Organizations	MGT 411: Leading Organizations	
MGT 420: Human Resource Management	MGT 420: Human Resource Management	
MGT 430: Negotiations	MGT 430: Negotiations	
MGT 450: Consulting Projects (L)	MGT 450: Consulting Projects (L)	
MKT 435: Entrepreneurial Marketing	MKT 435: Entrepreneurial Marketing	
MKT 440: Creating Digital Experiences	MKT 440: Creating Digital Experiences	

General Studies Electives	General Studies Electives Continued	Business Skills Courses - No Grades of D or E
ASL 101: American Sign Language I	LAT 101: Elementary Latin	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ASL 102: American Sign Language II	LAT 102: Elementary Latin	ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
ASL 201: American Sign Language III	MAT 242: Elementary Linear Algebra	CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ASL 202: American Sign Language IV	MAT 243: Discrete Mathematical Structures	
BIO 320: Fundamentals of Ecology	MAT 310: Introduction to Geometry	
CHI 110: Intensive Chinese I	MAT 342: Linear Algebra	
CHI 205: Chinese Calligraphy	MAT 370: Intermediate Calculus	
	MAT 371: Advanced Calculus I	

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 110: Intensive Japanese I

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

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SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

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- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Business Exploratory

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSEXP

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. • Complete the me3 career interest tool • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
PSY course (SB)	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
Business Skills Courses: No Grades of D or E		
Complete ECN 211 or ECN 212 with a grade of "C" or better.		
Complete MAT 211 with a grade of "C" or better.		
Milestone: Selection of a major.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs
- Must declare major by end of term 3

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  - Must declare major by the end of Term 3.
  - Changes of major into this program are not allowed.

Hide Course List(s)/Track Group(s)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 47.5
Upper Division Hours: 51 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computer Information Systems, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BACISBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs
ECN 211: Macroeconomic Principles (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
	Term hours subtotal:	15.25	

- Explore student leadership opportunities in W. P. Carey
- Research study abroad opportunities recommended for your major

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
PSY course (SB)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 OR ECN 212 with a grade of "C" or better.			
Complete MAT 211 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 235: Introduction to Information Systems	3	C	
ACC 241: Uses of Accounting Information II	3	C	
General Studies Elective	4		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	1		
Business Skills Courses: No Grades of D or E			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CIS 340: Business Information System Development I	3	C	
CIS 365: Business Database Systems Development	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

		Minimum	

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CIS 345: Business Information System Development II	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ CIS 425: Web Technologies for the Enterprise	3	C	
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
★ CIS 430: Mobile Platforms for Business	3	C	
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 440: Capstone in Information Systems (L)	3	C	• Apply for full-time career opportunities
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Upper Division International Business Course-select one course (3 credit hours)	General Studies Electives	General Studies Electives Continued
AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I	LAT 101: Elementary Latin
ECN 306: Survey of International Economics (SB & G)	ASL 102: American Sign Language II	LAT 102: Elementary Latin
	ASL 201: American Sign Language III	MAT 242: Elementary Linear Algebra
	ASL 202: American Sign Language IV	MAT 243: Discrete Mathematical Structures

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 110: Intensive Japanese I

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computer Information Systems, BS

School/College: W. P. Carey School of Business
Location: ASU Local
BACISBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here. • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete 3 hours of elective credit.
ECN 211: Macroeconomic Principles (SB)	3	C	

Business Skills Courses: No Grades of D or E			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
	Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 61.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
General Studies Elective	4		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	8		

Term 5 - A 61.50 - 67.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 235: Introduction to Information Systems	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 67.75 - 76.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ CIS 340: Business Information System Development I	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
MGT 300: Organization and Management Leadership	3	C	
SCM 300: Global Supply Operations	3	C	
Term hours subtotal:	9		

Term 6 - A 76.75 - 82.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 365: Business Database Systems Development	3	C	• Complete informational interviews
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		

Term 6 - B 82.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 345: Business Information System Development II	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 91.75 - 98.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 425: Web Technologies for the Enterprise	3	C	• All upper-division Business Core classes (including an International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
ENG 302: Business Writing (L)	3		
Elective	1		
Term hours subtotal:	7		

Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	• Gather professional references • Update your resume
★ CIS 430: Mobile Platforms for Business	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	9		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 440: Capstone in Information Systems (L)	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
	Term hours subtotal:	6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Upper Division International Business Course-select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing
ENG 310: Intermediate Creative Writing
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
ROM 101: Elementary Romanian Language and Culture I
SPA 101: Elementary Spanish I
SPA 102: Elementary Spanish II
SPA 111: Fundamentals of Spanish
WPC 150: Business and Society

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Economics, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAECNBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-17		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete MAT 210 OR MAT 270 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	15.25-16.25	

- Research study abroad opportunities recommended for your major

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 AND ECN 212 with grades of "C" or better.			
Complete MAT 211 OR MAT 271 with grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Upper Division Elective	2		
Business Skills Courses: No Grades of D or E.			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 312: Intermediate Microeconomic Theory (SB)	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
General Studies Elective	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	ECN 313: Intermediate Macroeconomic Theory (SB)	3	C
	ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics	3	C
	MKT 300: Marketing and Business Performance	3	C
	SCM 300: Global Supply Operations	3	C
	WPC 300: Problem Solving and Actionable Analytics	3	C
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

- 3 credit hours maximum of ECN 484 is allowed
- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G)	3	C	• 3 credit hours maximum of ECN 484 is allowed. • All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
ECN 4** Elective	3	C	
Upper Division Economics Elective	3	C	
Elective OR ECN 484: Internship OR WPC 484: Internship	3		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND ECN 306 or ECN 360 or ECN 436 or ECN 438 course(s).			
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ECN 475: Capstone in Economics (L)	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
ECN 4** Elective	3	C	
Elective	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- 3 credit hours maximum of ECN 484 is allowed.

Hide Course List(s)/Track Group(s)

Economics Electives	General Studies Electives	General Studies Electives Continued
ECN 306: Survey of International Economics (SB & G)	ASL 101: American Sign Language I	LAT 101: Elementary Latin
ECN 315: Money & Banking	ASL 102: American Sign Language II	LAT 102: Elementary Latin
ECN 331: Economics of the European Economic Union (SB & G)	ASL 201: American Sign Language III	MAT 242: Elementary Linear Algebra
	ASL 202: American Sign Language IV	MAT 243: Discrete Mathematical Structures

ECN 335: South Asia and the World Economy (SB & G)

ECN 342: Sports Economics

ECN 345: Survey of Environmental and Resource Economics

ECN 355: Economics of Healthcare

ECN 360: Economic Development (SB & G)

ECN 365: Economics of Russia and Eastern Europe (SB & G)

ECN 394: Special Topics or ECN 494: Special Topics

ECN 411: Current Analysis of the U.S. Economy

ECN 416: Game Theory and Economic Behavior

ECN 421: Labor Economics (SB)

ECN 423: Economics of Education

ECN 436: International Trade Theory (SB & G)

ECN 438: International Monetary Economics (SB & G)

ECN 441: Public Economics (SB)

ECN 445: Environmental Economics

ECN 453: Industrial Organization and Competition Policy

ECN 455: Health Economics

ECN 470: Mathematical Economics

ECN 484: Internship

ECN 493: Honors Thesis (L)

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Economics, BS

School/College: W. P. Carey School of Business
Location: ASU Local
BAECNBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here. • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

instead
complete three hours of elective credit.

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 312: Intermediate Microeconomic Theory (SB)	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	

MKT 300: Marketing and Business Performance	3	C
Upper Division Economics Elective	3	C
Term hours subtotal:	9	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

Term 6 - A 77.75 - 83.75 Credit Hours	Hours	Minimum Grade	Notes
ECN 410: Applied Regression Analysis and Forecasting	3	C	• Complete informational interviews
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		

Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 92.75 - 98.75 Credit Hours	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3		• All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
ECN 4** Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 98.75 - 106.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G)	3	C	• Gather professional references • Update your resume
General Studies Elective	3		
Upper Division Elective	2		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND ECN 306 or ECN 360 or ECN 436 or ECN 438 course(s).			
Term hours subtotal:	8		

Term 8 - A 106.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
ECN 4** Elective	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L)	3	C	

WPC 480: W. P. Carey Capstone Course (L)	3	C
Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Economics Electives
ECN 306: Survey of International Economics (SB & G)
ECN 315: Money & Banking
ECN 421: Labor Economics (SB)
ECN 438: International Monetary Economics (SB & G)
ECN 484: Internship

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing
ENG 310: Intermediate Creative Writing
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
ROM 101: Elementary Romanian Language and Culture I
SPA 101: Elementary Spanish I
SPA 102: Elementary Spanish II
SPA 111: Fundamentals of Spanish
WPC 150: Business and Society

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Finance, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAFINBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey
ECN 211: Macroeconomic Principles (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	15.25	

- Research study abroad opportunities recommended for your major

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • ACC 232 and ACC 242 are the recommended ACC courses for Finance students • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 OR ECN 212 with a grade of "C" or better.			
Complete MAT 211 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II	3	C	• If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • ACC 232 and ACC 242 are the recommended ACC courses for Finance students • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
FIN 302: Managerial Finance OR FIN 303: Honors Finance	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ACC 232 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACC 340: External Reporting I	3	C	• If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major. • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a
FIN 361: Advanced Managerial Finance	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Complete ACC 242 with a grade of "C" or better.			
Term hours subtotal:	15.25		

delay in graduation. See your academic advisor for more information and options
- Meet with your W. P. Carey Career Coach
- Update your resume

Term 6 78.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIN 421: Security Analysis and Portfolio Management	3	C	• If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division Finance Elective	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Finance Elective	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Accountancy and Finance concurrent degree students may not use ACC 350 or ACC 440 as the Finance Upper Division Elective, and must take an additional Finance Upper Division Elective to replace ACC 340. • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	3	C	
General Studies Elective	3		
Elective OR FIN 484: Internship OR WPC 484: Internship	3		
Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIN 461: Financial Cases and Modeling (L)	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
General Studies Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

General Studies Electives

Upper Division Finance Elective - select one course (3 credit hours)

ACC 350: Internal Reporting

ACC 440: External Reporting II

FIN 331: Financial Markets and Institutions

FIN 427: Derivative Financial Securities

FIN 431: Management of Financial Institutions

FIN 455: Entrepreneurial Finance

FIN 456: International Financial Management (G)

FIN 471: SIM Fund

FIN 472: Investment Banking Industry Scholars

FIN 494: Special Topics

Upper Division International Business Course - select one course (3 credit hrs)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 110: Intensive Japanese I

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Management, BS

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus
BAMGTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC 101: Introductory Sociology (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. • PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6 • Explore student leadership opportunities and mentorship programs in W. P. Carey
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
PSY 101: Introduction to Psychology (SB)	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete MAT 210 course with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	15.25	

- Research study abroad opportunities recommended for your major

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade
ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
Business Skills Courses: No Grades of D or E.		
Complete ECN 211 OR ECN 212 with a grade of "C" or better.		
Complete MAT 211 with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade
ACC 241: Uses of Accounting Information II	3	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete 2 courses: General Studies Elective	6	
Humanities, Arts and Design (HU)	3	
Business Skills Courses: No Grades of D or E.		
Complete ACC 231 with a grade of "C" or better.		
Complete ECN 221 with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	16	

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade
MGT 300: Organization and Management Leadership	3	C
ENG 302: Business Writing (L)	3	C
MKT 300: Marketing and Business Performance	3	C
SCM 300: Global Supply Operations	3	C
WPC 348: Junior Networking Foundations	0.25	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Complete ACC 241 with a grade of "C" or better.		
Term hours subtotal:	15.25	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade

★	MGT 320: Organizational Behavior	3	C
	MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C
	WPC 300: Problem Solving and Actionable Analytics	3	C
	Upper Division Management Elective	3	C
	General Studies Elective	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 400: Cross-Cultural Management (C & G)	3	C	
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Management Elective	3	C	
Upper Division Elective	2		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND MGT 302 or International Business Course (G) course(s).			
Term hours subtotal:	14		

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
4** Business Elective	3	C	
Elective	3		
Term hours subtotal:	12.25		

- Apply for full-time career opportunities

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Maximum 3 hours of MGT 484 and ENT 494 can be applied to the 400-level Business Elective and Upper Division Management Elective

Hide Course List(s)/Track Group(s)

Upper Division Management Electives - select two courses (6 credit hours)	4** Business Elective - select one course (3 credit hours)	Upper Division International Business Course - select one course (3 credit hours)
ENT 340: Creativity and Innovation (L or HU)	ACC 4** Elective	AGB 302: International Management and Agribusiness (G)
ENT 360: Entrepreneurship and Value Creation	AGB 4** Elective	ECN 306: Survey of International Economics (SB & G)
ENT 440: Entrepreneurship	CIS 4** Elective	
ENT 445: Business Model Development	ECN 4** Elective	

ENT 446: Venture Capital Experience

ENT 447: Lean Launch

ENT 494: Special Topics

MGT 310: Collaborative Team Skills

MGT 420: Human Resource Management

MGT 421: Compensation in Organizations

MGT 422: Staffing

MGT 423: Training and Development in Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MGT 426: HR Consulting Projects

MGT 430: Negotiations

MGT 450: Consulting Projects (L)

MGT 459: International Management (G)

MGT 484: Internship

MGT 493: Honors Thesis (L)

MGT 494: Special Topics

ENT 4** Elective

FIN 4** Elective

MGT 4** Elective

MKT 4** Elective

REA 4** Elective

SCM 4** Elective

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Management, BS

School/College: W. P. Carey School of Business
Location: ASU Local
BAMGTBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here • Join a student club or organization
SOC 101: Introductory Sociology (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will
PSY 101: Introduction to Psychology (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

instead
complete three hours of elective credit.

- PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6A

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
General Studies Elective	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
General Studies Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
General Studies Elective	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	• Meet with your W. P. Carey Career Coach
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ MGT 300: Organization and Management Leadership	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 77.75 - 84.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MGT 320: Organizational Behavior	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ LES 305: Business Law and Ethics for Managers	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 93.75 - 99.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MGT 400: Cross-Cultural Management (C & G)	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
Upper Division Management Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MGT 411: Leading Organizations	3	C	• Gather professional references • Update your resume
Upper Division Management Elective	3	C	
Upper Division Elective	2		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND MGT 302 or International Business Course (G) course(s).			
Term hours subtotal:	8		

Term 8 - A 107.75 - 114.00 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
4** Business Elective	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3
Term hours subtotal:	6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Maximum 3 hours of MGT 484 and ENT 494 can be applied to the 400-level Business Elective and Upper Division Management Elective

Hide Course List(s)/Track Group(s)

Upper Division Management Electives - select two courses (6 credit hours)
ENT 360: Entrepreneurship and Value Creation
MGT 420: Human Resource Management
MGT 430: Negotiations

Upper Division International Business Course - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

4** Business Elective - select one course (3 credit hours)
ACC 4** Elective
AGB 4** Elective
CIS 4** Elective
ECN 4** Elective
MGT 4** Elective
MKT 4** Elective
SCM 4** Elective

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

ENG 310: Intermediate Creative Writing

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

ROM 101: Elementary Romanian Language and Culture I

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

MAT 270: Calculus with Analytic Geometry I (MA) or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Marketing, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAMKTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete MAT 210 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	15.25	

- Research study abroad opportunities recommended for your major

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 OR ECN 212 with a grade of "C" or better.			
Complete MAT 211 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
General Studies Elective	3		
Elective	3		
Business Skills Courses: No Grades of D or E.			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 302: Applied Marketing Management and Leadership (L)	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	MKT 352: Marketing Research (L)	3	C
	MGT 300: Organization and Management Leadership	3	C
	Upper Division International Business Course AND Global Awareness (G)	3	C
	Upper Division Marketing Elective	3	C
	General Studies Elective	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MKT 402: Consumer Behavior	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Marketing Elective	3	C	
Upper Division Elective	2		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	14		

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy	3	C	
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Marketing Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Apply for full-time career opportunities

-
  - Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
  - Maximum 3 hours from MKT 484 and MKT 499 applies towards Upper Division Marketing Elective

Hide Course List(s)/Track Group(s)

Upper Division Marketing Electives - select three courses (9 credit hours, MKT 494 topic cannot be sports related))	Upper Division International Business Course - select one course (3 credit hours)	Business Skills Courses - No Grades of D or E
MKT 355: Designing Brand Identity: Methods and Digital Tools	AGB 302: International Management and Agribusiness (G)	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

MKT 365: Advertising and Beyond: Customer-Centric Brand Development

MKT 370: Professional Sales and Relationship Management

MKT 385: Data-Driven Marketing

MKT 410: Sales Management

MKT 420: Retail Management

MKT 425: Global Marketing Management (G)

MKT 435: Entrepreneurial Marketing

MKT 438: Advanced Selling Using Data and Technology

MKT 440: Creating Digital Experiences

MKT 442: Services Marketing Strategy

MKT 450: Social Media and Content Marketing

MKT 452: Business-to-Business Marketing Strategy

MKT 455: Brand Management

MKT 462: Competitive Marketing Strategy

MKT 472: Immersive Brand Experience I: Intelligence, Insights and Strategy

MKT 484: Internship

MKT 493: Honors Thesis (L)

MKT 494: Special Topics

MKT 499: Individualized Instruction

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Marketing, BS

School/College: W. P. Carey School of Business
Location: ASU Local
BAMKTBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here • Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

instead
complete three hours of elective credit.

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
General Studies Elective	3		
Business Skills Courses: No Grades of D or E.			
Complete ECN 211 AND ECN 212.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 52.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
General Studies Elective	3		
Term hours subtotal:	6		

Term 4 - B 52.50 - 59.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 302: Applied Marketing Management and Leadership (L)	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MKT 352: Marketing Research (L)	3	C	

MGT 300: Organization and Management Leadership	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	9	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

Term 6 - A 74.75 - 83.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 402: Consumer Behavior	3	C	• Complete informational interviews
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - B 83.75 - 89.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division International Business Course AND Global Awareness (G)	3	C	• MKT 425 cannot count as both International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective from the list below. • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 89.75 - 96.75 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Marketing Elective	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy	3	C	• Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Marketing Elective	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	9		

Term 8 - A 105.75 - 112.00 Credit Hours	Hours	Minimum Grade	Notes
WPC 448: Senior Career Transition Management	0.25	C	• Apply for full-time career opportunities
Upper Division Marketing Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6.25		

Term 8 - B 112.00 - 120.00 Credit Hours Necessary course signified	Hours	Minimum	Notes

by		Grade	
WPC 480: W. P. Carey Capstone Course (L)	3	C	
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	8		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Maximum 3 hours of MKT 484 and MKT 499 can be applied to Upper Division Marketing Elective

Hide Course List(s)/Track Group(s)

Upper Division Marketing Electives - select three courses (9 credit hrs)	Upper Division International Business Course - select one course (3 credit hours)	General Studies Electives
MKT 365: Advertising and Beyond: Customer-Centric Brand Development	AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I
MKT 420: Retail Management	ECN 306: Survey of International Economics (SB & G)	ASL 102: American Sign Language II
MKT 425: Global Marketing Management (G)	MGT 302: Principles of International Business (G)	ASL 201: American Sign Language III
MKT 442: Services Marketing Strategy	MKT 425: Global Marketing Management (G)	ASL 202: American Sign Language IV
MKT 452: Business-to-Business Marketing Strategy	SCM 463: Global Supply Chain Management (G)	BIO 320: Fundamentals of Ecology
MKT 462: Competitive Marketing Strategy		COM 207: Introduction to Communication Inquiry
MKT 484: Internship		COM 259: Communication in Business and the Professions
		COM 312: Communication, Conflict, and Negotiation
		COM 414: Crisis Communication
		COM 430: Leadership in Group Communication
		COM 453: Communication Training and Development
		ENG 210: Introduction to Creative Writing
		ENG 310: Intermediate Creative Writing
		ENG 345: Selected Authors or Issues
		FAS 301: Introduction to Parenting
		MAT 242: Elementary Linear Algebra
		MAT 243: Discrete Mathematical Structures
		ROM 101: Elementary Romanian Language and Culture I
		SPA 101: Elementary Spanish I
		SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Marketing (Digital and Integrated Marketing Communications), BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAMKDIMCBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C+
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
Business Skills Courses: No Grades of D or E.		
Complete ECN 211 OR ECN 212 with a grade of "C" or better.		
Complete MAT 211 with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

Term 4 47.50 - 63.50 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ACC 241: Uses of Accounting Information II	3	C	
General Studies Elective	3		
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Business Skills Courses: No Grades of D or E.			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

Term 5 63.50 - 78.75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MKT 302: Applied Marketing Management and Leadership (L)	3	C	
FIN 300: Fundamentals of Finance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
General Studies Elective	3		
Humanities, Arts and Design (HU)	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

Term 6 78.75 - 93.75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MKT 352: Marketing Research (L)	3	C	
ENG 302: Business Writing (L)	3		
MGT 300: Organization and Management Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

	Upper Division International Business Course AND Global Awareness (G)	3	C
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MKT 402: Consumer Behavior	3	C	• Digital & Integrated Marketing Communication concentration electives must be taken at ASU • If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
Complete 2 courses: Upper Division Digital & Integrated Marketing Communications Concentration Elective	6	C	
Upper Division Elective	2		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 472: Immersive Brand Experience I: Intelligence, Insights and Strategy	3	C	• Digital & Integrated Marketing Communication concentration electives must be taken at ASU • If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing • Apply for full-time career opportunities
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Digital & Integrated Marketing Communications Concentration Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

-
  - Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
  - Choose three Upper Division Digital & Integrated Marketing Communication Concentration Electives.
  - Digital & Integrated Marketing Communication concentration electives must be taken at ASU.
  - If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing.
  - Maximum 3 hours from MKT 484 can be applied towards Upper Division DIMC Elective

Hide Course List(s)/Track Group(s)

Digital & Integrated Marketing Communications Concentration Elective - select three courses (9 credit hours)	Upper Division International Business Course - select one course (3 credit hours)	Business Skills Courses - No Grades of D or E

MKT 355: Designing Brand Identity: Methods and Digital Tools

MKT 365: Advertising and Beyond: Customer-Centric Brand Development

MKT 385: Data-Driven Marketing

MKT 440: Creating Digital Experiences

MKT 450: Social Media and Content Marketing

MKT 455: Brand Management

MKT 473: Immersive Brand Experience II: Creative, Media and Measures

MKT 484: Internship

MKT 493: Honors Thesis (L)

MKT 494: Innovations in Marketing

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Marketing (Professional Sales), BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAMKTPSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E.			
Complete CIS 105 with a grade of "C" or better.			
Complete MAT 210 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
Business Skills Courses: No Grades of D or E.		
Complete ECN 211 OR ECN 212 with a grade of "C" or better.		
Complete MAT 211 with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Develop your professional online presence
- Explore career resources
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
MKT 302: Applied Marketing Management and Leadership (L)	3	C	• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ACC 241: Uses of Accounting Information II	3	C	
General Studies Elective	2		
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Business Skills Courses: No Grades of D or E.			
Complete ACC 231 with a grade of "C" or better.			
Complete ECN 221 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MKT 352: Marketing Research (L)	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume
ENG 302: Business Writing (L)	3		
MKT 370: Professional Sales and Relationship Management	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
General Studies Elective	3		
Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MKT 402: Consumer Behavior	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach
LES 305: Business Law and Ethics for Managers	3	C	
MKT 452: Business-to-Business Marketing Strategy	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	

Upper Division International Business Elective AND Global Awareness (G)	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 410: Sales Management	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Organization and Management Leadership	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 484: Internship	3	C	• MKT 484: Internship must be sales focused • Apply for full-time career opportunities
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Professional Sales Concentration Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Upper Division Professional Sales Concentration Elective - select one course (3 credits)	Upper Division International Business Course - select one course (3 credit hours)	General Studies Electives
MKT 420: Retail Management	AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I
MGT 430: Negotiations	ECN 306: Survey of International Economics (SB & G)	ASL 102: American Sign Language II
MKT 435: Entrepreneurial Marketing	MGT 302: Principles of International Business (G)	ASL 201: American Sign Language III
MKT 438: Advanced Selling Using Data and Technology	MKT 425: Global Marketing Management (G)	ASL 202: American Sign Language IV
MKT 442: Services Marketing Strategy	SCM 463: Global Supply Chain Management (G)	BIO 320: Fundamentals of Ecology
MKT 493: Honors Thesis (L)		CHI 110: Intensive Chinese I
MKT 484: Internship		CHI 205: Chinese Calligraphy
		COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Supply Chain Management, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BASCMBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
Business Skills Courses: No Grades of D or E			
Complete CIS 105 with a grade of "C" or better.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 with a grade of "C" or better.			
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	15.25	

- Research study abroad opportunities recommended for your major

Term 3 31.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade
ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
Business Skills Courses: No Grades of D or E		
Complete ECN 211 OR ECN 212 with a grade of "C" or better.		
Complete MAT 211 with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

Term 4 47.50 - 62.50 Credit Hours Critical course signified by	Hours	Minimum Grade
ACC 241: Uses of Accounting Information II	3	C
SCM 300: Global Supply Operations	3	C
General Studies Elective	3	
Cultural Diversity in the U.S. (C)	3	
Humanities, Arts and Design (HU)	3	
Business Skills Courses: No Grades of D or E		
Complete ACC 231 with a grade of "C" or better.		
Complete ECN 221 with a grade of "C" or better.		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

Term 5 62.50 - 77.75 Credit Hours Necessary course signified by	Hours	Minimum Grade
SCM 315: Business Decision Models	3	C
SCM 345: Logistics Management	3	C
ENG 302: Business Writing (L)	3	
MKT 300: Marketing and Business Performance	3	C
WPC 348: Junior Networking Foundations	0.25	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Complete ACC 241 with a grade of "C" or better.		
Term hours subtotal:	15.25	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade

★ SCM 355: Supply Management (L)	3	C	• Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach • Meet with your academic advisor to discuss your internship course options
★ SCM 432: Planning and Control Systems for Supply Chain Management	3	C	
★ SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
MGT 300: Organization and Management Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ SCM 455: Research and Negotiation	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
★ SCM 479: Supply Chain Strategy (L)	3	C	
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Elective OR WPC 484: Internship	3		
★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND SCM 463 or International Business Course (G) course(s).			
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	• Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options
WPC 448: Senior Career Transition Management	0.25	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Upper Division Elective	2		
Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Upper Division International Business Course - select one course (3 credit hours)	General Studies Electives	General Studies Electives Continued
AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I	LAT 101: Elementary Latin
ECN 306: Survey of International Economics (SB & G)	ASL 102: American Sign Language II	LAT 102: Elementary Latin
MGT 302: Principles of International Business (G)	ASL 201: American Sign Language III	MAT 242: Elementary Linear Algebra
	ASL 202: American Sign Language IV	MAT 243: Discrete Mathematical Structures
	BIO 320: Fundamentals of Ecology	MAT 310: Introduction to Geometry
	CHI 110: Intensive Chinese I	MAT 342: Linear Algebra

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Supply Chain Management, BS

School/College: W. P. Carey School of Business
Location: ASU Local
BASCMBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement
WPC 101: Student Success in Business	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here. • Join a student club or organization • Create your first college resume
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	

PSY course (SB)	3	
Business Skills Courses: No Grades of D or E		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 47.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
Business Skills Courses: No Grades of D or E			
Complete ECN 211 AND ECN 212 courses			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7.25		

Term 4 - A 47.50 - 54.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• Attend W. P. Carey and ASU career fairs • Apply for internships or create one
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 54.50 - 63.50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	
Cultural Diversity in the U.S. (C)	3		
General Studies Elective	3		
Business Skills Courses: No Grades of D or E			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 5 - A 63.50 - 69.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SCM 315: Business Decision Models	3	C	• Meet with your W. P. Carey Career Coach • Update your resume
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 69.75 - 78.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 345: Logistics Management	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
ENG 302: Business Writing (L)	3		
Term hours subtotal:	9		

Term 6 - A 78.75 - 84.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 355: Supply Management (L)	3	C	• Complete informational interviews
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		

Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 432: Planning and Control Systems for Supply Chain Management	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Organization and Management Leadership	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 93.75 - 101.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 455: Research and Negotiation	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
Upper Division Elective	2		
Elective OR WPC 484: Internship	3		
Term hours subtotal:	8		

Term 7 - B 101.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 479: Supply Chain Strategy (L)	3	C	• Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND SCM 463 or International Business Course (G) course(s).			
Term hours subtotal:	6		

Term 8 - A 107.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
WPC 448: Senior Career Transition Management	0.25	C	• Apply for full-time career opportunities
Humanities, Arts and Design (HU)	3		
Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★	WPC 480: W. P. Carey Capstone Course (L)	3	C
	Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
	Term hours subtotal:	6	

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

Upper Division International Business Course - select one (3 credit hours)
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)

General Studies Electives
ASL 101: American Sign Language I
ASL 102: American Sign Language II
ASL 201: American Sign Language III
ASL 202: American Sign Language IV
BIO 320: Fundamentals of Ecology
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
ENG 210: Introduction to Creative Writing
ENG 310: Intermediate Creative Writing
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
ROM 101: Elementary Romanian Language and Culture I
SPA 101: Elementary Spanish I
SPA 102: Elementary Spanish II
SPA 111: Fundamentals of Spanish
WPC 150: Business and Society

Business Skills Courses - No Grades of D or E
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Architectural Studies - Cross-Disciplinary Focus, BSD

School/College: Herberger Institute for Design and the Arts
Location:
ARSTDBSD

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DSC 100: ASU Design Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization.
ARC 101: Architecture Project I	3	C	
ARC 111: Architecture of Architecture I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARC 101: Architecture Project I	3	C	• Students will take ARC 101 a second time; this will be with a new project topic (ARC 101 is repeatable).
ARC 112: Architecture of Architecture II	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARC 201: Architecture Project III	3	C	• Develop your professional online presence • Computer/Statistics/Quantitative Application (CS) course must have the prefix of ART or INT.
Complete 2 courses: ARC OR APH OR ATE Elective	6	C	
ART OR INT course (CS)	3	C	
Natural Science - Quantitative (SQ) (CON 106 OR PHY 101 recommended)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARC 201: Architecture Project III	3	C	• Complete an in person or virtual practice interview. • Students will take ARC 201 a second time; this will be with a new project topic (ARC 201 is repeatable).
Complete 2 courses: ARC OR APH OR ATE Elective	6	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARC 301: Architecture Project V	3	C	• Develop your skills.
Complete 2 courses: ARC OR APH OR ATE Upper Division Elective	6	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARC 301: Architecture Project V	3	C	• Students will take ARC 301 a second time; this will be with a new project topic (ARC 301 is repeatable). • Students will have an advising hold requiring them to complete a Graduation Planning appointment with their advisor during Term 6. During this advising appointment, students and advisors will discuss which Focus option they will be completing during their final year in the program. Students intending to pursue professional licensure as a registered architect must declare their interest in pursuing the Professional Focus (3.00 minimum GPA required) to their advisor.
Complete 2 courses: ARC OR APH OR ATE Upper Division Elective	6	C	
ARC OR APH OR ATE Upper Division Elective OR ARC 484: Internship	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Design Related Elective	6	C	• Gather professional references. • This list of courses reflects the Cross-Disciplinary Focus (no minimum requirements). Students intending to pursue professional licensure as a registered architect must declare their interest in pursuing the Professional Focus (3.00 minimum GPA required) to their advisor. Students should consult with their advisor if they have any questions about the Focus options.
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Design Related Elective	6	C	• This list of courses reflects the Cross-Disciplinary Focus (no minimum

Complete 2 courses: Elective	6	
Term hours subtotal:	12	

requirements). Students intending to pursue professional licensure as a registered architect must declare their interest in pursuing the Professional Focus (3.00 minimum GPA required) to their advisor. Students should consult with their advisor if they have any questions about the Focus options.

Hide Course List(s)/Track Group(s)

Upper Division Design Related Electives (12 credits)

APH OR ARC OR ART OR ARS OR ATE OR CON OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH OR PUP OR REA OR SOS Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Architectural Studies - Professional Focus, BSD

School/College: Herberger Institute for Design and the Arts
Location:
ARSTDBSD

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DSC 100: ASU Design Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization
ARC 101: Architecture Project I	3	C	
ARC 111: Architecture of Architecture I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Social-Behavioral Sciences (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARC 101: Architecture Project I	3	C	• Students will take ARC 101 a second time; this will be with a new project topic (ARC 101 is repeatable).
ARC 112: Architecture of Architecture II	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARC 201: Architecture Project III	3	C	• Develop your professional online presence. • Computer/Statistics/Quantitative Applications (CS) course must have the prefix of ART or INT.
Complete 2 courses: ARC OR APH OR ATE Elective	6	C	
ART OR INT course (CS)	3	C	
Natural Science - Quantitative (SQ) (CON 106 OR PHY 101 recommended)	4		
Complete Mathematics (MA) requirement.			

Minimum 3.00 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARC 201: Architecture Project III	3	C	• Complete an in person or virtual practice interview • Students will take ARC 201 a second time; this will be with a new project topic (ARC 201 is repeatable).
Complete 2 courses: ARC OR APH OR ATE Elective	6	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARC 301: Architecture Project V	3	C	• Develop your skills
Complete 2 courses: ARC OR APH OR ATE Upper Division Elective	6	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARC 301: Architecture Project V	3	C	• Students will take ARC 301 a second time; this will be with a new project topic (ARC 301 is repeatable).
Complete 2 courses: ARC OR APH OR ATE Upper Division Elective	6	C	
ARC OR APH OR ATE Upper Division Elective OR ARC 484: Internship	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARC 401: Architecture Studio I	6	C	• Gather professional references
ARC 421: Architecture Technology I	3	C	
ARC 441: Architecture Representation	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

ARC 402: Architecture Studio II	6	C
ARC 422: Architecture Technology II	3	C
ARC 432: Architecture History	3	C
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	12	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Animation), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIARTANBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU.
ART 111: Foundation Drawing	3	C	
ART 116: Introduction to Digital Media	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	• Join a student club or professional organization.
ART 113: Pictorial Investigations and Color Theory	3	C	
ART 115: 3-D Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 217: Introduction to Computer Animation	3	C	• Network in your career interest area.
2D Art Course	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 240: Encounters with Contemporary Art	3	C	• ARA 240: Encounters with Contemporary Art is required for BFA majors; course only offered in spring. • Explore an internship.
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
3D Art Course	3	C	
Lower Division Animation Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 346: 3-D Computer Imaging and Animation (CS)	3	C	• Art students cannot take ARA 311 or ARS 300. • Use Handshake to research employment opportunities.
ARS 445: History of Animation	3	C	
ART 417: Storyboarding and Narrative Sequencing	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 348: Animation Motion Studies	3	C	• Art students cannot take ARA 311 or ARS 300.
ARA 396: Professional Practices for Design and the Arts	3	C	
ART 308: 2D Digital Animation	3	C	
Upper Division Animation Elective (ART subject only)	3	C	
ARS Upper Division Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 461: Animation Capstone I	3	C	• Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Gather professional references.
Upper Division Animation Elective	3	C	
ARS course (HU) Upper Division	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 461: Animation Capstone I OR ART 462: Animation Capstone II	3	C	• Art students cannot take ARA 311 or ARS 300. • ART 461 may be taken a second time.
Complete 2 courses: Upper Division Animation Elective	6	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

2D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 206: Digital Photography I
ART 207: Digital Photography II
ART 211: Drawing
ART 214: Figure Drawing
ART 223: Painting
ART 227: Watercolor
ART 253: Introduction to Printmaking
FSH 203: Fashion Illustration I

3D Art Course
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 218: 3D Tools
ART 231: Sculpture I
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction

Lower Division Animation Electives
AME 130: Prototyping Dreams (L)
AME 210: Media Editing
AME 230: Programming for the Media Arts (CS)
AME 244: Introduction to Interactive Environments
ARA 202: Understanding Photographs
ART 206: Digital Photography I
ART 207: Digital Photography II
ART 211: Drawing
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 218: 3D Tools
ART 235: 3D Tools for Sculptors
ART 244: Introduction to Interactive Environments
ART 294: Worlds Within Worlds
CPI 111: Game Development I (CS)
CPI 211: Game Development II
FMP 201: Film: The Creative Process I (HU)
FMP 225: Introduction to Visual Effects
FMP 240: Introduction to Animation for Film
FMP 255: Media Authorship (CS)
FMP 261: Principles of Screenwriting
FMP 280: Introduction to Film and Media Production
FMS 100: Introduction to Film and Media Studies (HU)
FMS 110: Introduction to New Media (HU)
FMS 209: Screenwriting Fundamentals
GIT 211: 3D Media Production

Upper Division Animation Elective
AME 330: Digital-Physical Systems
AME 410: Interactive Materials

- AME 444: Media Installations
- AME 494: Animating Virtual Worlds
- ART 311: Intermediate Drawing
- ART 312: Illustration
- ART 314: Intermediate Figure Drawing
- ART 317: Advanced Digital Photography
- ART 323: Intermediate Painting
- ART 325: Figure Painting
- ART 331: Sculpture II
- ART 332: Sculpture III
- ART 394: 2D Digital Animation II
- ART 394: 3-D Digital Modeling
- ART 394: 3D Tools for Sculptors II
- ART 394: 3D Visual Effects
- ART 394: Fantasy Figure Foam Carving
- ART 411: Advanced Drawing
- ART 424: Stop Motion Animation
- ART 428: Video and Sound as Sculptural Materials
- ART 438: Moving and Interactive Systems in Sculpture
- ART 439: Studio Inquiry: Practice and Cultural Context
- ART 440: Experimental Video Art
- ART 449: Computer Animation and Video
- ART 494: Stop Motion Animation II
- ART 494: Time, Narrative & the Multiple
- ART 494: Visual Prototyping
- ART 494: Women/Art/Technology
- CPI 311: Game Engine Development
- CPI 321: Fundamentals of Game Art
- CPI 411: Graphics for Games
- CPI 421: 3-D Modeling and Texturing
- FMP 325: Guerilla VFX
- FMS 351: Emerging Digital Media
- FMS 354: Critical Studies in Animation
- FMS 394: Writing for Video Games

FMS 409: Advanced Screenwriting

FMS 442: Experimental Narrative (HU)

FMS 494: Contemporary Television and New Media

GIT 312: Computer Animation and Motion Graphics (CS)

GIT 411: Visual Narrative in Motion Graphics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Art Education), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTEBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Select your Career Interest Communities and play me3@ASU.
Complete 2 courses: ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 115: 3-D Design OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio	6	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 115: 3-D Design OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio	6	C	• Teachers College requirement: SPE 222 (SB) required for students pursuing K-12 certification. • Join a student club or professional organization.
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (SPE 222 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARE 250: Teaching Inquiry in Art	3	B-	• Minimum grade of B- or better in ARE 250 is required.
2D Art Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		

Social-Behavioral Sciences (SB) (GCU 113 recommended)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

- Teachers College requirement: GCU 113 is recommended for students seeking teacher certification since it meets the US and AZ constitution requirement for teachers.
- Professional connections -- join the ASU Mentor Network.

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
2D or 3D Art Course	3	C	
3D Art Course	3	C	
Literacy and Critical Inquiry (L) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Complete Natural Science - Quantitative (SQ) OR Natural Science - General (SG) course(s). (Teachers College requirement)			
Term hours subtotal:	16		

- Teachers College requirement: Apply for an Identity Verified Print (IVP) DPS fingerprint card.
- Develop your skills.
- Create a first draft resume.

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARE 370: Teaching Visual Culture	3	C	
ARE 446: Multicultural Issues in Art Education	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Complete 2 courses: Art Education Proficiency Course	6	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

- Students must complete six hours of upper division ARS coursework (not from ARS 300). Must include one upper division Asian/African/Native Am./Latin Am. Focus and one upper division Modern Focus course.
- Teachers College requirement: Complete the Intent to Progress form. Need a minimum 2.50 ASU GPA is order to apply (meet with major advisor to complete this form).
- Teachers College requirement: Submit copy of IVP DPS fingerprint clearance card to Teachers College or upload copy to Intent to Progress form.
- Teachers College requirement: Attend Teachers College Enrollment Workshop if pursuing K-12 certification.
- Use Handshake to research employment opportunities.

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARE 482: Teaching Art Processes	3	C	
Upper Division Art History Modern Focus	3	C	
Art Education Proficiency Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Students must complete six hours of upper division ARS coursework (not from ARS 300). Must include one upper division Asian/African/Native Am./Latin Am. Focus and one upper division Modern course.
- Teachers College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives.

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ ARE 486: Art Education: Strategies and Applications	3	C
Complete 2 courses: Upper Division Art Education Proficiency Course	6	C
Upper Division Literacy and Critical Inquiry (L) (TEL 315 recommended)	3	
Upper Division Elective	3	
Term hours subtotal:	15	

- Teachers College requirement: TEL 315 required for students pursuing K-12 certification.
- Teachers College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives.
- Teachers College requirement: Students pursuing K-12 certification will enroll in an internship course (TEL 488) and be expected to complete 75 hours over 12 weeks in a K-12th grade classroom. Reliable transportation is required to get to school sites.
- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ARE 496: Methods and Assessment of Learning in Art	3	C	
Complete 2 courses: Upper Division Art Education Proficiency Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- Teachers College requirement: Students pursuing K-12 certification should meet with their major advisor to discuss the remaining certification requirements and to properly plan their electives.
- Teachers College requirement: Students pursuing K-12 certification will enroll in an internship course (TEL 488) and be expected to complete 75 hours over 12 weeks in a K-12th grade classroom. Reliable transportation is required to get to school sites.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

2D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 223: Painting
ART 227: Watercolor
ART 253: Introduction to Printmaking
FSH 203: Fashion Illustration I

3D Art Course
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 231: Sculpture I
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction

2D or 3D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 223: Painting
ART 227: Watercolor
ART 231: Sculpture I

ART 253: Introduction to Printmaking

ART 261: Ceramic Survey

ART 272: Introduction to Metals and Jewelry

ART 274: Wood I

ART 276: Introduction to Textiles

FSH 202: Fashion Construction

FSH 203: Fashion Illustration I

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art
ARS 402: Art of Ancient Egypt (HU & H)
ARS 444: Films of India
ARS 465: Native Art of North America (HU & C & H)
ARS 472: Art of China (HU)
ARS 473: Art of Japan (HU)
ARS 475: Chinese Painting (HU)
ARS 494: Art of the Inka and their Ancestors
ARS 494: Global Textiles and Fashion
ARS 494: Histories of African Art and Visual Culture
ARS 494: Oceanic Art

Upper Division Art History Modern Focus
ARS 330: The Portrait (HU)
ARS 340: Art in America (HU & H)
ARS 345: Art and Television
ARS 370: The Art of the Comic
ARS 394: Fashion and Dress in Art, Ren. to 20th Century
ARS 394: Modern and Contemporary Chinese Art
ARS 435: The Pre-Raphaelites
ARS 438: Art of the 20th Century I (HU & H)
ARS 439: Art of the 20th Century II (HU & H)
ARS 440: Identity and World Film (C)
ARS 443: Artists in Film: Artists' Biopics
ARS 445: History of Animation
ARS 485: Women in the Visual Arts (L)

Art Education Proficiency Courses (Requires approval; see note in Term 4)
ARA Elective
ARE Elective
ARS Elective
ART Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120

General University Requirements Legend

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Art History), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTHBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101: The Art Experience is required of all first-year art majors. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your Career Interest Communities and play me3@ASU.
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	• Join a student club or professional organization.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 30 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	• ARS Elective cannot be ARS 100 or ARS 300.

ARS Elective	3	C	• Build your professional connections -- join the ASU Mentor Network
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete Mathematics (MA) requirement.			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 4 43 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	• Create a first draft resume. • Explore an internship.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C	
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	5		
Term hours subtotal:	16		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Art History Asian/African/Native Am./Latin Am.Focus	3	C	• Art Elective cannot be ARA 311. • Use Handshake to research employment opportunities.
Upper Division Art History Renaissance/Baroque Focus	3	C	
ARA OR ARE OR APH OR ART Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Art History Ancient/Medieval Focus	3	C	• Art Elective cannot be ARA 311.
Upper Division Art History Modern Focus	3	C	
ARA OR ARE OR APH OR ART Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARS 480: Research Methods (L)	3	C	• Art Elective cannot be ARA 311. • ARS elective cannot be ARS 300. • Gather professional references.
ARS Upper Division Elective	3	C	
ARA OR ARE OR APH OR ART Elective	3	C	
Complete 2 courses: Upper Division Elective	6		

Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS 498: Pro-Seminar (L)	3	C	• ARS elective cannot be ARS 300. • ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project. • Apply for full-time career opportunities.
ARS course (HU) Upper Division	3	C	
ARS Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Art History Ancient/Medieval Focus	Upper Division Art History Modern Focus	Upper Division Art History Renaissance/Baroque Focus
ARS 394: Art and Myth in Ancient Greece	ARS 330: The Portrait (HU)	ARS 310: The Renaissance in Tuscany
ARS 394: Egyptian Art and Culture	ARS 331: 18th- and 19th-Century European Jewelry Design	ARS 330: The Portrait (HU)
ARS 394: Islamic Art	ARS 340: Art in America (HU & H)	ARS 394: Art of Italian Renaissance
ARS 394: Medieval Art: Cross-Cultural Perspectives	ARS 345: Art and Television	ARS 418: German Renaissance and Reformation Art (HU)
ARS 402: Art of Ancient Egypt (HU & H)	ARS 370: The Art of the Comic	ARS 422: Italian High Renaissance Art and Mannerism (HU)
ARS 404: Greek Art (HU & H)	ARS 394: 20th Century American & European Jewelry Design	ARS 424: Italian Baroque Art (HU & H)
ARS 406: Roman Art (HU & H)	ARS 394: Anime	ARS 498: Pro-Seminar (L)
ARS 414: Monasteries, Madonnas and Manuscripts (HU & H)	ARS 394: Modern and Contemporary Chinese Art	ARS 498: The Renaissance Book: Graphics (L)
ARS 498: Greek Sculpture: Geometric through Hellenistic (L)	ARS 435: The Pre-Raphaelites	
ARS 498: Pompeii & Herculaneum (L)	ARS 438: Art of the 20th Century I (HU & H)	
ARS 498: Pro-Seminar (L)	ARS 439: Art of the 20th Century II (HU & H)	
ARS 498: Tutankhamen & His Times (L)	ARS 440: Identity and World Film (C)	
	ARS 443: Artists in Film: Artists' Biopics	
	ARS 445: History of Animation	
	ARS 485: Women in the Visual Arts (L)	
	ARS 498: Art and Money (L)	
	ARS 498: Art & Technology (L)	
	ARS 498: Contemporary Art of Asia (L)	
	ARS 498: Fakes and Forgeries in Art (L)	
	ARS 498: New Woman Artist 1900-1945 (L)	
	ARS 498: Pro-Seminar (L)	
	ARS 498: Self, Trauma, and Affect in Art (L)	

	ARS 498: Surrealism & Ethnography (L)
	ARS 498: Theories Modern Sculpture (L)
	ARS 498: Visual Culture Studies (L)
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	
ARS 362: Survey of Aztec, Maya and Inka Art (HU)	
ARS 369: Mexican Art (HU)	
ARS 394: Anime	
ARS 394: Egyptian Art and Culture	
ARS 394: Islamic Art	
ARS 394: Modern and Contemporary Chinese Art	
ARS 402: Art of Ancient Egypt (HU & H)	
ARS 444: Films of India	
ARS 465: Native Art of North America (HU & C & H)	
ARS 472: Art of China (HU)	
ARS 473: Art of Japan (HU)	
ARS 475: Chinese Painting (HU)	
ARS 494: Art of the Inka and their Ancestors	
ARS 494: Global Textiles and Fashion	
ARS 494: Histories of African Art and Visual Culture	
ARS 494: Oceanic Art	
ARS 498: Contemporary Art of Asia (L)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Art History), BA

School/College: Herberger Institute for Design and the Arts
Location: ASU Local
FAARTHBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.
HDA 101: ASU & Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	• View ASU Online first-year student registration information here. • Play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	• Think about joining a club or civic group in your area of career interest.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
ARS Upper Division Elective	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language.	4	C	
Term hours subtotal:	7		

Term 3 - B 32 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language.	4	C	• Career steps: Shadow someone in the job/career you are considering.
Social-Behavioral Sciences (SB)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 39 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA OR ARE OR APH OR ART Elective	3	C	
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language.	4	C	
Term hours subtotal:	7		

Term 4 - B 46 - 53 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Create a first draft resume
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language.	4	C	
Term hours subtotal:	7		

Term 5 - A 53 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Art History Ancient/Medieval Focus	3	C	• Explore internships in your area
ARA OR ARE OR APH OR ART Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Art History Renaissance/Baroque Focus	3	C	
ARS Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 72 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

Upper Division Art History Modern Focus	3	C	• Use Handshake to research employment opportunities
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 79 - 85 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ARE OR APH OR ART Elective	3	C	• Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS Upper Division Elective	3	C	• Use Handshake to research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours	Hours	Minimum Grade	Notes
ARS course (HU) Upper Division	3	C	• Gather professional references
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 109 - 115 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS 480: Research Methods (L)	3	C	• Apply for full-time career opportunities
Elective	3		
Term hours subtotal:	6		

Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS 498: Pro-Seminar (L)	3	C	• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.
Elective	2		
Term hours subtotal:	5		

Hide Course List(s)/Track Group(s)

Upper Division Art History Ancient/Medieval Focus
ARS 394: Art and Myth in Ancient Greece
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 402: Art of Ancient Egypt (HU & H)
ARS 498: Greek Sculpture: Geometric through Hellenistic (L)

Upper Division Art History Modern Focus
ARS 340: Art in America (HU & H)
ARS 331: 18th- and 19th-Century European Jewelry Design
ARS 345: Art and Television
ARS 370: The Art of the Comic
ARS 394: 20th Century American & European Jewelry Design
ARS 394: Modern and Contemporary Chinese Art
ARS 435: The Pre-Raphaelites
ARS 438: Art of the 20th Century I (HU & H)
ARS 440: Identity and World Film (C)
ARS 485: Women in the Visual Arts (L)
ARS 498: Contemporary Art of Asia (L)

Upper Division Art History Renaissance/Baroque Focus
ARS 330: The Portrait (HU)
ARS 394: Art of Italian Renaissance
ARS 498: The Renaissance Book: Graphics (L)

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art
ARS 472: Art of China (HU)
ARS 473: Art of Japan (HU)
ARS 494: Global Textiles and Fashion
ARS 494: Histories of African Art and Visual Culture
ARS 494: Oceanic Art
ARS 498: Contemporary Art of Asia (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Art Studies), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTSTDBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Select your Career Interest Communities and play me3@ASU. • By the end of Term 2, students should complete one course from ART 111 or ART 110; one course from ART 116, ART 194 Expanded Arts Studio, or ART 107; one course from ART 113 or ART 108; and one course from ART 115 or ART 109.
Complete 2 courses: ART 111: Foundation Drawing or ART 110: Drawing as Seeing and Thinking (HU) OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio or ART 107: Photography as Experience OR ART 113: Pictorial Investigations and Color Theory or ART 108: Digital Literacy for the Arts OR ART 115: 3-D Design or ART 109: Making as Seeing and Thinking	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	• Join a student club or professional organization
Complete 2 courses: ART 111: Foundation Drawing or ART 110: Drawing as Seeing and Thinking (HU) OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio or ART 107: Photography as Experience OR ART 113: Pictorial Investigations and Color Theory or ART 108: Digital Literacy for the Arts OR ART 115: 3-D Design or ART 109: Making as Seeing and Thinking	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	

Complete 2 courses: ARA OR ART Elective	6	C	• Build your professional connections -- join the ASU Mentor Network
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ARA OR ART Elective	6	C	• Create a first draft resume • Explore an internship
ARA 240: Encounters with Contemporary Art OR ARA 195: Art in My World (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA OR ART Elective	3	C	• Art Elective course cannot be ARA 311, ARS 100 or ARS 300. • Work with academic advisor to develop performing arts and history of performance and related studies coursework plan. • Use Handshake to research employment opportunities.
Upper Division Related Studies Elective	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Elective can be replaced with an internship (ART 484). • Students may take ARA 396 in a different term if needed.
Complete 2 courses: Upper Division Related Studies Elective	6	C	
ARA OR ART Upper Division Elective	3	C	
Upper Division Elective OR ART 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA OR ART Upper Division Elective	3	C	• Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Gather professional references.
Complete 2 courses: Upper Division Related Studies Elective	6	C	
ARS Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses:			

ARA OR ART Upper Division Elective	6	C	• Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Apply for full-time career opportunities.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Related Studies Electives
Choose a course related to art outside of the School of Art from the options below:
AFR Upper Division Elective
AIS Upper Division Elective
AME Upper Division Elective
APA Upper Division Elective
APH Upper Division Elective
ASB Upper Division Elective
DCE Upper Division Elective
FMS Upper Division Elective
GIT Upper Division Elective
GRA Upper Division Elective
HST Upper Division Elective
IAP Upper Division Elective
MUS Upper Division Elective
REL Upper Division Elective
TCL Upper Division Elective
THE Upper Division Elective
WST Upper Division Elective
Upper Division Humanities, Arts and Design (HU)
Upper Division Literacy and Critical Inquiry (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Art Studies), BA

School/College: Herberger Institute for Design and the Arts
Location: ASU Local
FAARTSTDBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 110: Drawing as Seeing and Thinking (HU) OR ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts OR ART 109: Making as Seeing and Thinking	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-HDA: The ASU Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ART 110: Drawing as Seeing and Thinking (HU) OR ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts OR ART 109: Making as Seeing and Thinking	3	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ART 110: Drawing as Seeing and Thinking (HU) OR ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts OR ART 109: Making as Seeing and Thinking	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 110: Drawing as Seeing and Thinking (HU) OR ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts OR ART 109: Making as Seeing and Thinking	3	C	• Career planning tip: Think about joining a club or civic group in your area of career interest.
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 3 - B 31 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	• Career steps: Shadow someone in the job/career you are considering.
ARA OR ART Elective	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 37 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA OR ART Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 4 - B 43 - 50 Credit Hours	Hours	Minimum Grade	Notes
ARA OR ART Elective	3	C	• Career tip: Gather documentation of your past work for a future portfolio. Explore internship opportunities in your area.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - A 50 - 56 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA OR ART Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 5 - B 56 - 63 Credit Hours	Hours	Minimum Grade	Notes
ARA OR ART Elective	3	C	• Visit Career Services for career advising, webinars, career postings and a Career Guide.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
ARA 195: Art in My World (HU)	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Related Studies Elective	3	C	
ARA OR ART Upper Division Elective	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Studies Elective	3	C	• Visit Career Services for career advising, webinars, career postings and a Career Guide.
ARS Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Studies Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ART Upper Division Elective	3	C	• Gather professional references.
Upper Division Related Studies Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
ARA OR ART Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ART Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• Students may take ARA 396 in a different term if needed.
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Studies Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Upper Division Related Studies Electives

Choose a course related to art outside of the School of Art from the options below:

- AFR Upper Division Elective
- AIS Upper Division Elective
- AME Upper Division Elective
- APA Upper Division Elective
- APH Upper Division Elective
- ASB Upper Division Elective
- DCE Upper Division Elective
- FMS Upper Division Elective
- GIT Upper Division Elective
- GRA Upper Division Elective
- HST Upper Division Elective
- IAP Upper Division Elective
- MUS Upper Division Elective
- REL Upper Division Elective
- TCL Upper Division Elective
- THE Upper Division Elective
- WST Upper Division Elective
- Upper Division Humanities, Arts and Design (HU)
- Upper Division Literacy and Critical Inquiry (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Ceramics), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTCBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Select your Career Interest Communities and play me3@ASU.
ART 115: 3-D Design	3	C	
ART 116: Introduction to Digital Media OR ART 194: Expanded Arts Studio	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 261: Ceramic Survey	6	C	• Join a student club or professional organization.
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
2D Art Course	3	C	• Build your professional connections -- join the ASU Mentor Network.
ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 261: Ceramic Survey	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		

Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
	Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
2D or 3D Art Course	3	C	• ARA 240: Encounters with Contemporary Art is required for BFA majors. • Gather documentation of your past work for future portfolio. • Explore internships.
3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 360: Ceramic Throwing	3	C	• Students must complete six hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one Modern or Contemporary Focus course. • Use Handshake to research employment opportunities.
ART 364: Ceramic Handbuilding I	3	C	
Upper Division Art History Modern Focus	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 466: Special Problems in Ceramics	3	C	• ART 460 is only offered during odd numbered Fall semesters; ART 463 is only offered during even numbered Spring semesters. Please meet with an academic advisor for scheduling information. • Art Elective course cannot be ARA 311, ARS 100 or ARS 300.
ART 460: Ceramic Clay OR ART 463: Ceramic Glaze Research	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• Art Upper Division Elective courses cannot be ARA 311 or ARS 300. • Gather professional references.
Complete 2 courses: Upper Division Ceramics Art Elective	6	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 482: Senior Exhibitions/Portfolio	3	C	• Art Upper Division Elective courses cannot be ARA 311 or ARS 300.
Upper Division Ceramics Art Elective	3	C	

Complete 2 courses: ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	6	C	• Complete ART 482 Senior Exhibitions/Portfolio and finalize your portfolio.
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

2D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 223: Painting
ART 227: Watercolor
ART 253: Introduction to Printmaking
FSH 203: Fashion Illustration I

3D Art Course
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 231: Sculpture I
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction

2D or 3D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 223: Painting
ART 227: Watercolor
ART 231: Sculpture I
ART 253: Introduction to Printmaking
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction
FSH 203: Fashion Illustration I

Upper Division Ceramics Art Elective
ART 365: Ceramic Handbuilding II
ART 394: Altered Vessels
ART 394: Ceramics
ART 394: Clay on the Wall: Installing Ceramic Art
ART 394: Slipcasting
ART 460: Ceramic Clay
ART 463: Ceramic Glaze Research
ART 466: Special Problems in Ceramics
ART 494: Advanced Slipcasting

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art
ARS 402: Art of Ancient Egypt (HU & H)
ARS 444: Films of India

Upper Division Art History Modern Focus
ARS 330: The Portrait (HU)
ARS 340: Art in America (HU & H)
ARS 345: Art and Television
ARS 370: The Art of the Comic
ARS 394: Modern and Contemporary Chinese Art
ARS 435: The Pre-Raphaelites
ARS 438: Art of the 20th Century I (HU & H)
ARS 439: Art of the 20th Century II (HU & H)

ART 494: Art and Science

ART 494: Art on the Wall: Installing Ceramic Art

ART 494: Ceramic Design

ART 494: Ceramic Tableware Design

ART 494: China Painting

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

ARS 440: Identity and World Film (C)

ARS 443: Artists in Film: Artists' Biopics

ARS 445: History of Animation

ARS 485: Women in the Visual Arts (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Digital Photography), BFA

School/College: Herberger Institute for Design and the Arts
Location: ASU Local
HIARTDPBFA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ART 206: Digital Photography I	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
HDA 101: ASU & Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 207: Digital Photography II	3	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Complete ART 206 course(s).			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	• Career planning tip: Think about joining a club or civic group in your area of career interest.
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
ARS 250: History of Photography (HU)	3	C	

Computer/Statistics/Quantitative Applications (CS)	3	
Term hours subtotal:	6	

Term 3 - B 31 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	• Career steps: Shadow someone in the job/career you are considering.
FMS 110: Introduction to New Media (HU) OR ART 116: Introduction to Digital Media	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 37 - 43 Credit Hours	Hours	Minimum Grade	Notes
ARA 209: Photography Now	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 4 - B 43 - 50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• For elective - recommend ART 294: Light and Truth in Photography • Career tip: Gather documentation of your past work for a future portfolio. Explore internship opportunities in your area.
Elective	3		
Complete ARS 101 AND ARS 102 course(s).			
Term hours subtotal:	7		

Term 5 - A 50 - 56 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 317: Advanced Digital Photography	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 5 - B 56 - 62 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Photography Elective	3	C	• Visit Career Services for career advising, webinars, career postings and a Career Guide. • The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 62 - 69 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Related Area	3	C	
Upper Division Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Photography Elective OR Upper Division Photography Research Topic	3	C	• Visit Career Services for career advising, webinars, career postings and a Career Guide. • The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.
Upper Division Related Area	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Photography Elective OR Upper Division Photography Research Topic	3	C	• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Photography Elective	3	C	• Gather professional references. • The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division ARS Modern Focus	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Photography Elective	3	C	• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406. • Begin planning for your Photography Capstone by talking with your faculty.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) (MCO 450 recommended)	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Photography Elective	3	C	• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406. • Recommend ART 394 Photography Capstone Development Elective
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 407: Digital Photography Capstone	3	C	

Upper Division Related Area	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Upper Division Photography Elective
ART 300: Photo Editing: Narrative/Non-Narrative
ART 302: The Still and Moving Image: Digital Photography and Video
ART 394: Art and Activism
ART 394: Death and Photography
ART 394: Experimental Photo Processes
ART 394: Identity & Representation in Photography
ART 394: Photography Capstone Development
ART 394: Photo Topics: Photography and Sustainability
ART 394: Photography As The Constructed Image
ART 394: Sick Pictures: Photography and Illness
ART 400: The Photobook
ART 402: Traditional Genres in Digital Photography: Photographing People
ART 406: New Genres in Digital Photography
ART 412: Advanced Techniques in Digital Photography
ART 494: Art and Censorship
ART 494: Traditional Genres: Photographing Place and Space

Upper Division ARS Modern Focus
ARS 330: The Portrait (HU)
ARS 340: Art in America (HU & H)
ARS 345: Art and Television
ARS 370: The Art of the Comic

Upper Division Photography Research Topics
ART 394: Art and Activism
ART 394: Death and Photography
ART 394: Identity & Representation in Photography
ART 394: Photo Topics: Photography and Sustainability
ART 394: Sick Pictures: Photography and Illness

Upper Division Related Area Course
ARA 396: Professional Practices for Design and the Arts
ARA 489: Writing Art and Design Criticism (L)
FMS 351: Emerging Digital Media
MCO 307: The Digital Audience
MCO 335: Social Media
MCO 425: Digital Media Literacy I
MCO 450: Visual Communication (HU)
MCO 460: Race, Gender, and Media (C)
MCO 473: Sex, Love, and Romance in the Mass Media (SB)

ARS 394: Anime

ARS 438: Art of the 20th Century I (HU & H)

ARS 445: History of Animation

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Intermedia), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTIBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU.
ART 111: Foundation Drawing	3	C	
ART 116: Introduction to Digital Media	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 113: Pictorial Investigations and Color Theory	3	C	• ART 216 recommended for Intermedia majors in Term 2 and must be completed by Term 3. • Join a student club or professional organization.
ART 115: 3-D Design	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	3	C	• ART 216 recommended for Intermedia majors in Term 2 and must be completed by Term 3. • Build your professional connections -- join the ASU Mentor Network.
2D Art Course	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Term hours subtotal:	16

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
2D or 3D Art Course	3	C	• ARA 240: Encounters with Contemporary Art is required for BFA majors. • Gather documentation of your past work for your future portfolio. • Explore an internship.
3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 330: Issues in Intermedia	3	C	• ARS Upper Division Elective cannot be ARS 300. • Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Use Handshake to research employment opportunities.
Upper Division Intermedia Elective	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 439: Studio Inquiry: Practice and Cultural Context	3	C	• ART 439: Intermedia Studio is only offered in the spring semester.
ART 443: Performance Art: Actions, Gestures, Journeys	3	C	
ART 440: Experimental Video Art	3	C	
Upper Division Art History Modern Focus	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• ARS Upper Division Elective cannot be ARS 300. • Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Gather professional references.
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Complete 2 courses: Upper Division Intermedia Elective	6	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 482: Senior Exhibitions/Portfolio	3	C	• Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio.
Upper Division Intermedia Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	1	C	
Elective	2		

Term hours subtotal: 12

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); these must include 6 upper division hours, one Asian/African/Native Am./Latin Am. Focus course, and one 20th Century Focus course. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, the 20th Century Focus course and elective must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

2D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 223: Painting
ART 227: Watercolor
ART 253: Introduction to Printmaking
FSH 203: Fashion Illustration I

3D Art Course
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 231: Sculpture I
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction

2D or 3D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 223: Painting
ART 227: Watercolor
ART 231: Sculpture I
ART 253: Introduction to Printmaking
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction
FSH 203: Fashion Illustration I

Upper Division Intermedia Elective
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 378: Digital Textiles
ART 417: Storyboarding and Narrative Sequencing
ART 424: Stop Motion Animation

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art

Upper Division Art History Modern Focus
ARS 330: The Portrait (HU)
ARS 340: Art in America (HU & H)
ARS 345: Art and Television
ARS 370: The Art of the Comic
ARS 394: Modern and Contemporary Chinese Art
ARS 435: The Pre-Raphaelites
ARS 438: Art of the 20th Century I (HU & H)

ART 442: Art and Community

ART 444: Documentary Video Art

ART 494: Art and Science

ART 494: Time, Narrative & the Multiple

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

ART 499: Individualized Instruction

ARS 402: Art of Ancient Egypt (HU & H)

ARS 444: Films of India

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

ARS 439: Art of the 20th Century II (HU & H)

ARS 440: Identity and World Film (C)

ARS 443: Artists in Film: Artists' Biopics

ARS 445: History of Animation

ARS 485: Women in the Visual Arts (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Museum Studies), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTMSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Museum and Heritage Studies Core, take ARS 120 and ARS 121 • Select your career interest communities and play me3@ASU.
Complete 2 courses: Museum and Heritage Studies Core	6	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Museum and Heritage Studies Core	6	C	• For the Museum and Heritage Studies Core, take ARS 221 and ARS 494 Museum & Heritage Careers • Join a student club or professional organization.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	• Build your professional connections -- join the ASU Mentor Network • Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. All course substitutions must be approved by the School of Art.
Museum and Heritage Studies Focus Course	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			

Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Museum and Heritage Studies Focus Course	6	C	• Create a first draft resume. • Explore an internship. • Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. All course substitutions must be approved by the School of Art.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Focus Course	3	C	• Use Handshake to research employment opportunities. • Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. All course substitutions must be approved by the School of Art.
Complete 2 courses: Upper Division Museum and Heritage Studies Elective	6	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Focus Course	3	C	• Museum Studies students should speak with the internship coordinator, Dr. Betsy Fahlman, regarding internship opportunities. • Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. All course substitutions must be approved by the School of Art.
Complete 2 courses: Upper Division Museum and Heritage Studies Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	12		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Focus Course	3	C	• Gather professional references. • Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. All course substitutions must be approved by the School of Art.
Complete 2 courses: Upper Division Museum and Heritage Studies Elective	6	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARS 498: Pro-Seminar (L)	3	C	• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project. • Apply for full-time career opportunities. • Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. All course substitutions must be approved by the School of Art.
Upper Division Museum and Heritage Studies Focus Course	3	C	
Upper Division Museum and Heritage Studies Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. These courses provide a range of potentially useful information on museum and heritage studies. All course substitutions must be approved by the School of Art.

Hide Course List(s)/Track Group(s)

Museum and Heritage Studies Core	Upper Division Museum and Heritage Studies Electives	Museum and Heritage Studies Focus
ARS 120: Introduction to Global Museum Studies	ACC 382: Accounting and Financial Analysis	AFR OR AIS OR APA OR ARS OR ART OR ASB OR ASM OR BUS OR CHM OR COM OR EDA OR HST OR JUS OR PHI OR POS OR PRM OR SGS OR SOS OR TCL OR TDM OR WST Elective
ARS 121: Introduction to Global Heritage Studies	ARA 396: Professional Practices for Design and the Arts	
ARS 221: Museum and Heritage Histories, Theories and Debates	ARA 489: Writing Art and Design Criticism (L)	
ARS 494: Museums In Global Contexts	ARS 484: Internship	
ARS 494: Museum & Heritage Careers	ARS 494: Contemporary Indigenous Art & Museums	
	ARS 494: Contemporary Issues in Curatorial Practice	
	ARS 494: Curating the Contemporary	
	ARS 494: Curatorial Activism	
	ARS 494: Decolonizing Museums	
	ARS 494: Philosophy of Curatorial Practice: 1800-Present	
	ARS 494: Queering the Museum	
	ARS 494: Transformative Exhibitions Since the 1990s	
	NLM 310: Volunteer Management	
	PAF 300: Public Management and Administration	
	PAF 340: Contemporary Policy Challenges	
	PAF 420: Managing Across Boundaries	
	TDM 345: Meeting and Convention Planning	
	TDM 350: Tourism, Recreation and Sports Marketing	
	TDM 448: Heritage and Cultural Tourism	
	TDM 458: International Tourism (G)	

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Museum Studies), BA

School/College: Herberger Institute for Design and the Arts
Location: ASU Local
FAARTMSBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • For the Museum and Heritage Studies Core, take ARS 120.
HDA 101: ASU & Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	• For the Museum and Heritage Studies Core, take ARS 121. • View ASU Online first-year student registration information here. • Play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	• For the Museum and Heritage Studies Core, take ARS 494: Museum & Heritage Careers.
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	• For the Museum and Heritage Studies Core, take ARS 221. • Think about joining a club or civic group in your area of career interest.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	

Literacy and Critical Inquiry (L)	3		• For the Museum and Heritage Studies Core, take ARS 494: Museum in Global Contexts..
Term hours subtotal:	6		

Term 3 - B 31 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Museum and Heritage Studies Focus Course	3	C	• Career steps: Shadow someone in the job/career you are considering. • Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes below. All course substitutions must be approved by the School of Art.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 37 - 43 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Focus Course	3	C	• Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes below. All course substitutions must be approved by the School of Art.
Elective	3		
Term hours subtotal:	6		

Term 4 - B 43 - 49 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Create a first draft resume
Upper Division Museum and Heritage Studies Elective	3	C	
Term hours subtotal:	6		

Term 5 - A 49 - 56 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Focus Course	3	C	• Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes below. All course substitutions must be approved by the School of Art.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 56 - 62 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Elective	3	C	• Explore internships in your area
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - A 62 - 68 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Focus Course	3	C	• Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes below. All course substitutions must be approved by the School of Art.
Upper Division Museum and Heritage Studies Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 68 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Elective	3	C	• Use Handshake to research employment opportunities
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			• Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes below. All course substitutions must be approved by the School of Art.
Upper Division Museum and Heritage Studies Focus Course	6	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Museum and Heritage Studies Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Museum and Heritage Studies Focus Course	3	C	• Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes below. All course substitutions must be approved by the School of Art.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Gather professional references
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Museum and Heritage Studies Elective	3	C	• Apply for full-time career opportunities
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS 498: Pro-Seminar (L)	3	C	• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		

Term hours subtotal: 3

- Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. These courses provide a range of potentially useful information on museum and heritage studies. All course substitutions must be approved by the School of Art.

Hide Course List(s)/Track Group(s)

Museum and Heritage Studies Core	Upper Division Museum and Heritage Studies Electives	Museum and Heritage Studies Focus
ARS 120: Introduction to Global Museum Studies	ACC 382: Accounting and Financial Analysis	AFR OR AIS OR APA OR ARS OR ART OR ASB OR ASM OR BUS OR CHM OR COM OR EDA OR HST OR JUS OR PHI OR POS OR PRM OR SGS OR SOS OR TCL OR TDM OR WST Elective
ARS 121: Introduction to Global Heritage Studies	ARA 396: Professional Practices for Design and the Arts	
ARS 221: Museum and Heritage Histories, Theories and Debates	ARA 489: Writing Art and Design Criticism (L)	
ARS 494: Museums In Global Contexts	ARS 484: Internship	
ARS 494: Museum & Heritage Careers	ARS 494: Contemporary Indigenous Art & Museums	
	ARS 494: Contemporary Issues in Curatorial Practice	
	ARS 494: Curating the Contemporary	
	ARS 494: Curatorial Activism	
	ARS 494: Decolonizing Museums	
	ARS 494: Philosophy of Curatorial Practice: 1800-Present	
	ARS 494: Queering the Museum	
	ARS 494: Transformative Exhibitions Since the 1990s	
	NLM 310: Volunteer Management	
	PAF 300: Public Management and Administration	
	PAF 340: Contemporary Policy Challenges	
	PAF 420: Managing Across Boundaries	
	TDM 345: Meeting and Convention Planning	
	TDM 350: Tourism, Recreation and Sports Marketing	
	TDM 448: Heritage and Cultural Tourism	
	TDM 458: International Tourism (G)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Painting and Drawing), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIARTPDBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU.
ART 111: Foundation Drawing	3	C	
ART 113: Pictorial Investigations and Color Theory OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 211: Drawing OR ART 223: Painting	3	C	• Join a student club or professional organization
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ART 113: Pictorial Investigations and Color Theory OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 211: Drawing OR ART 223: Painting	3	C	• Build your professional connections -- join the ASU Mentor Network
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
ART 115: 3-D Design OR ART 274: Wood I	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		

Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 227: Watercolor OR ART 214: Figure Drawing	3	C	• Gather documentation of your past work for your future portfolio • Explore internships • 2D or 3D Art course - ART253 recommended
2D or 3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 323: Intermediate Painting	3	C	• Use Handshake to research employment opportunities
ART 311: Intermediate Drawing	3	C	
Upper Division Art History Modern Focus	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	
ART 327: Intermediate Watercolor OR ART 325: Figure Painting OR ART 314: Intermediate Figure Drawing	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. focus	3	C	
Upper Division Drawing/Painting Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Drawing/Painting Elective	6	C	• Gather professional references
ART 429: Painting and Drawing Research Studio	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 482: Senior Exhibitions/Portfolio	3	C	• Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio
Upper Division Drawing/Painting Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective	3		

Term hours subtotal: 12

- Students must complete nine hours of ARS coursework (not from ARS 100 or 300); must include six hours upper-division, one Asian/African/Native Am./Latin Am. Focus course, and one Modern Focus course. If students take a lower-division Asian/African/Native Am./Latin Am. Focus course, the Modern Focus course and elective must be upper-division and one must include an HU General Studies designation.

Hide Course List(s)/Track Group(s)

2D or 3D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 214: Figure Drawing
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 227: Watercolor
ART 231: Sculpture I
ART 253: Introduction to Printmaking
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction
FSH 203: Fashion Illustration I

Upper Division Drawing/Painting Elective
ART 314: Intermediate Figure Drawing
ART 325: Figure Painting
ART 327: Intermediate Watercolor
ART 354: Screen Printing I or ART 459: Monoprinting
ART 411: Advanced Drawing
ART 414: Advanced Figure Drawing
ART 423: Advanced Painting
ART 425: Intermediate Figure Painting
ART 427: Art on Paper
ART 494: China Painting
ART 494: Color and Sustainable Practice
ART 498: Pro-Seminar (L)
ART 499: Individualized Instruction

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art
ARS 402: Art of Ancient Egypt (HU & H)
ARS 444: Films of India
ARS 465: Native Art of North America (HU & C & H)
ARS 472: Art of China (HU)
ARS 473: Art of Japan (HU)
ARS 475: Chinese Painting (HU)
ARS 494: Art of the Inka and their Ancestors
ARS 494: Global Textiles and Fashion
ARS 494: Histories of African Art and Visual Culture
ARS 494: Oceanic Art

Upper Division Art History Modern Focus
ARS 330: The Portrait (HU)
ARS 340: Art in America (HU & H)
ARS 345: Art and Television
ARS 370: The Art of the Comic
ARS 394: Modern and Contemporary Chinese Art
ARS 435: The Pre-Raphaelites
ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

ARS 440: Identity and World Film (C)

ARS 443: Artists in Film: Artists' Biopics

ARS 445: History of Animation

ARS 485: Women in the Visual Arts (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Photography), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTPHBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU.
ART 111: Foundation Drawing OR ART 115: 3-D Design	3	C	
ART 121: Introduction to Photography I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 116: Introduction to Digital Media	3	C	• Join a student club or professional organization.
ART 122: Introduction to Photography II	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 111: Foundation Drawing OR ART 115: 3-D Design	3	C	• Build your professional connections -- join the ASU Mentor Network.
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Lower Division Photography Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 240: Encounters with Contemporary Art	3	C	• Gather documentation of your past work for your professional portfolio. • Explore internships.
3D Art Course	3	C	
ARS 250: History of Photography (HU)	3	C	
Lower Division Photography Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Photography Elective	3	C	• Art Upper Division Elective cannot be ARA 311 or ARS 300. • Use Handshake to research employment opportunities.
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	• Art Upper Division Elective cannot be ARA 311 or ARS 300.
Complete 2 courses: Upper Division Photography Elective	6	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• ARS Upper Division Elective cannot be ARS 300. • Art Upper Division Elective cannot be ARA 311 or ARS 300. • Gather professional references.
Upper Division Photography Elective	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 482: Senior Exhibitions/Portfolio	3	C	• ARS Upper Division Elective cannot be ARS 300. • Art Elective cannot be ARA 311, ARS 100 or ARS 300. • Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.
ARS Upper Division Elective	3	C	
Complete 2 courses: Upper Division Photography Elective	6	C	
Term hours subtotal:	12		

- Students must complete 12 hours of ARS coursework (not from ARS 100 or 300); must include ARS 250, nine upper-division hours, and one Asian/African/Native Am./Latin Am. Focus course.

Hide Course List(s)/Track Group(s)

3D Art Course
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 231: Sculpture I
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction

Lower Division Photography Elective
ARA 209: Photography Now
ART 203: Photography: Material Studies I
ART 208: View Camera Photography
ART 215: Photography: Digital Compositing
ART 294: Digital Photography
ART 294: Photographic Lighting I

Upper Division Photography Elective
ART 301: Photography: Material Studies II
ART 303: Portraiture Photography
ART 304: Junior Photographic Projects
ART 310: Landscape Photography
ART 313: Experimental Film
ART 318: Photography: Material Studies III
ART 394: Digital Printing
ART 394: Documentary Photography
ART 394: Photography: The Traditional Photobook
ART 394: Street Photography
ART 403: Senior Photographic Projects
ART 409: Photographic Exhibition
ART 467: Art and Ecology
ART 494: The Body and Representation
ART 494: Labor and Representation
ART 498: Pro-Seminar (L)

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art
ARS 402: Art of Ancient Egypt (HU & H)
ARS 444: Films of India
ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Printmaking), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTPMBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU.
ART 111: Foundation Drawing OR ART 115: 3-D Design OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio	3	C	
ART 113: Pictorial Investigations and Color Theory	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 111: Foundation Drawing OR ART 115: 3-D Design OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio	3	C	• Join a student club or professional organization.
ART 253: Introduction to Printmaking	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 111: Foundation Drawing OR ART 115: 3-D Design OR ART 116: Introduction to Digital Media or ART 194: Expanded Arts Studio	3	C	• Build your professional connections -- join the ASU Mentor Network
2D Art Course	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		

Complete Mathematics (MA) requirement.			
	Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
2D or 3D Art Course	3	C	• Gather information of your past work for your future portfolio. • Explore internships.
3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 354: Screen Printing I	3	C	• Use Handshake to research employment opportunities.
ARA OR ARE OR ARS OR ART OR FSH Lower Division Elective	3	C	
Upper Division Printmaking Elective	3	C	
Upper Division Art History Asian/ African/ Native Am./ Latin Am. Focus	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 456: Letterpress Studio	3	C	• ARS Upper Division Elective cannot be ARS 300. • Art Upper Division Elective cannot be ARA 311 or ARS 300. • ART 354 must be completed by term 6.
ART 351: Intaglio I	3	C	
ARS course (HU) Upper Division	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• Art Upper Division Elective cannot be ARA 311 or ARS 300. • Gather professional references.
Complete 2 courses: Upper Division Printmaking Elective	6	C	
ARS Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 482: Senior Exhibitions/Portfolio	3	C	• Art Elective courses cannot be ARA 311, ARS 100 or ARS 300. • Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio.
Upper Division Printmaking Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARS Upper Division Elective	3	C	

Term hours subtotal: 12

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); must include 6 hours upper division, one Asian/African/Native Am./Latin Am. Focus course, and 2 upper division ARS electives. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, both ARS electives must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

2D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 223: Painting
ART 227: Watercolor
FSH 203: Fashion Illustration I

3D Art Course
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 231: Sculpture I
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction

2D or 3D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 223: Painting
ART 227: Watercolor
ART 231: Sculpture I
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
ART 276: Introduction to Textiles
FSH 202: Fashion Construction
FSH 203: Fashion Illustration I

Upper Division Printmaking Elective
ART 352: Lithography I
ART 394: Art Zines: Self-Publishing, Protest & Change
ART 445: Digital Processes for Printmaking
ART 451: Advanced Intaglio
ART 452: Advanced Lithography
ART 453: Experimental Printmaking: Expanding the Matrix

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art

ART 454: Advanced Screen Printing

ART 455: Artists' Books

ART 458: Paper Studio

ART 459: Monoprinting

ART 494: Field to Museum: Art & Science Collections

ART 494: Time, Narrative & the Multiple

ARS 402: Art of Ancient Egypt (HU & H)

ARS 444: Films of India

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Sculpture), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTSBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101: The Art Experience is required of first-year art majors only. • Select your career interest communities and play me3@ASU.
ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 116: Introduction to Digital Media	3	C	
ART 115: 3-D Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I	3	C	• Join a student club or professional organization.
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 116: Introduction to Digital Media	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I	3	C	• Build your professional connections -- join the ASU Mentor Network
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 116: Introduction to Digital Media	3	C	
Literacy and Critical Inquiry (L)	3		

Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
2D Art Course	3	C	• ARA 240: Encounters with Contemporary Art is required for BFA majors. • Gather documentation of past works for your future portfolio. • Explore an internship.
2D or 3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 331: Sculpture II	3	C	• Students must complete six hours of upper-division ARS coursework (not from ARS 300). One course must have the HU designation. • Art Elective course cannot be ARA 311, ARS 100 or ARS 300. • Students may use their Upper Division Sculpture Electives to concentrate on Metals or Wood. Recommend ART 372 for Metals emphasis or ART 374 for Woods emphasis. • Faculty recommend at least one of the following art history courses: ARS 438 or ARS 439. • Use Handshake to research employment opportunities.
Upper Division Sculpture Elective	3	C	
Upper Division ARS Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content	3	C	• Students must complete six hours of upper-division ARS coursework (not from ARS 300). • Upper Division Sculpture Elective: Recommend ART 373 for Metals emphasis or ART 474 for Woods emphasis.
Upper Division Sculpture Elective	3	C	
ARS Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• Art Upper Division Elective courses cannot be ARA 311 or ARS 300. • Upper Division Sculpture Elective: Recommend ART 472 for Metals emphasis. • Gather professional references.
ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content	3	C	
Upper Division Sculpture Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	

Elective	3	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 482: Senior Exhibitions/Portfolio	3	C	• Art Upper Division Elective courses cannot be ARA 311 or ARS 300. • Upper Division Sculpture Elective: Recommend ART 473 for Metals emphasis. • Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.
Upper Division Sculpture Elective	3	C	
Complete 2 courses: ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	6	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

2D Art Course	2D or 3D Art Course	Upper Division Sculpture Elective
ART 121: Introduction to Photography I	ART 121: Introduction to Photography I	ART 333: Foundry Casting Methods
ART 122: Introduction to Photography II	ART 122: Introduction to Photography II	ART 372: Casting and Jewelry Techniques
ART 123: Introduction to Photography for Nonmajors (HU)	ART 123: Introduction to Photography for Nonmajors (HU)	ART 373: Form Emphasis in Metals
ART 211: Drawing	ART 211: Drawing	ART 374: Wood II
ART 214: Figure Drawing	ART 214: Figure Drawing	ART 424: Stop Motion Animation
ART 223: Painting	ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ART 432: Neon Sculpture
ART 227: Watercolor	ART 217: Introduction to Computer Animation	ART 433: Foundry Casting Methods
ART 253: Introduction to Printmaking	ART 218: 3D Tools	ART 435: Foundry Research Methods
FSH 203: Fashion Illustration I	ART 223: Painting	ART 436: Architectural Sculpture
	ART 227: Watercolor	ART 438: Moving and Interactive Systems in Sculpture
	ART 253: Introduction to Printmaking	ART 472: Advanced Jewelry and Surface Techniques
	ART 261: Ceramic Survey	ART 473: Advanced Metals and Mechanisms
	ART 272: Introduction to Metals and Jewelry	ART 474: Advanced Wood
	ART 274: Wood I	ART 494: Illumination Systems
	ART 276: Introduction to Textiles	
	FSH 202: Fashion Construction	
	FSH 203: Fashion Illustration I	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Art (Textiles), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTFBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101: The Art Experience is required of first-year art majors only. • Select your Career Interest Communities and play me3@ASU.
ART 115: 3-D Design	3	C	
ART 116: Introduction to Digital Media OR ART 194: Expanded Arts Studio	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 276: Introduction to Textiles	6	C	• Join a student club or professional organization.
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory OR ART 276: Introduction to Textiles	3	C	• Build your professional connections -- join the ASU Mentor Network
2D Art Course	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.			
	Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
3D Art Course	3	C	• ARA 240: Encounters with Contemporary Art is required for BFA majors. • Gather documentation of your past works for your future portfolio. • Explore an internship.
ARA 240: Encounters with Contemporary Art	3	C	
ART 376: Weaving and Dyeing OR ART 377: Textile Design	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 376: Weaving and Dyeing OR ART 377: Textile Design	3	C	• ART 376 only offered in the Fall semester. • Use Handshake to research employment opportunities.
2D or 3D Art Course	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	• Art Upper Division Elective course cannot be ARA 311 or ARS 300. • ARS Upper Division Elective cannot be ARS 300.
Upper Division Art History Modern Focus	3	C	
Complete 2 courses: Upper Division Textile Elective	6	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Gather professional references.
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Complete 2 courses: Upper Division Textile Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ART 482: Senior Exhibitions/Portfolio	3	C	• Art Elective course cannot be ARA 311, ARS 100 or ARS 300. • Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.
Upper Division Textile Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	

Term hours subtotal: 12

- Students must complete 6 hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one 20th Century Focus course.

Hide Course List(s)/Track Group(s)

2D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 223: Painting
ART 227: Watercolor
ART 253: Introduction to Printmaking
FSH 203: Fashion Illustration I

3D Art Course
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 231: Sculpture I
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
FSH 202: Fashion Construction

2D or 3D Art Course
ART 121: Introduction to Photography I
ART 122: Introduction to Photography II
ART 123: Introduction to Photography for Nonmajors (HU)
ART 211: Drawing
ART 214: Figure Drawing
ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 223: Painting
ART 227: Watercolor
ART 231: Sculpture I
ART 253: Introduction to Printmaking
ART 261: Ceramic Survey
ART 272: Introduction to Metals and Jewelry
ART 274: Wood I
FSH 202: Fashion Construction
FSH 203: Fashion Illustration I

Upper Division Textile Elective
ART 376: Weaving and Dyeing
ART 377: Textile Design
ART 378: Digital Textiles
ART 476: Advanced Textile Construction
ART 477: Printed Textiles
ART 478: Advanced Surface to Form
ART 479: 3-D Fibers: Construction and Content
ART 494: Special Topics

Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 394: Anime
ARS 394: Egyptian Art and Culture
ARS 394: Islamic Art
ARS 394: Modern and Contemporary Chinese Art
ARS 402: Art of Ancient Egypt (HU & H)

Upper Division Art History Modern Focus
ARS 330: The Portrait (HU)
ARS 340: Art in America (HU & H)
ARS 345: Art and Television
ARS 370: The Art of the Comic
ARS 394: Modern and Contemporary Chinese Art
ARS 435: The Pre-Raphaelites
ARS 438: Art of the 20th Century I (HU & H)

ART 499: Individualized Instruction

ARS 444: Films of India

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

ARS 439: Art of the 20th Century II (HU & H)

ARS 440: Identity and World Film (C)

ARS 443: Artists in Film: Artists' Biopics

ARS 445: History of Animation

ARS 485: Women in the Visual Arts (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Arts (BA in the Arts), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAATSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience OR AME 101: ASU Digital Culture Experience OR DSC 100: ASU Design Experience OR HDA 101: ASU & Herberger Institute Experience OR MUP 101: The ASU School of Music Experience OR THF 125: Orientation to Film, Dance and Theatre	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students; ARA 101, AME 101, DSC 100, THF 125 & MUP 101 are typically only offered in Fall semesters; HDA 101 is typically only offered in Spring semesters. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HDA 210: Creativity and Innovation in Design and the Arts	3	C	
Arts Discipline and Practice Course	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• By the end of the semester, students will select 1 of 3 possible focus areas: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval. • Students must complete 3 hours each of the Historical and Theoretical Arts Studies area. One of them must be a Humanities.
Arts Discipline and Practice Course	3	C	
Historical and Theoretical Arts Studies AND Humanities, Arts and Design (HU) OR Historical and Theoretical Arts Studies with African/Asian/Latin American/Native American Focus AND Humanities, Arts and Design (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS) (DCE 240 OR FMP 255 OR INT 121 OR MHL 201 recommended)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Arts Discipline and Practice Course	3	C	• Students must complete 3 hours each of the Historical and Theoretical Arts Studies area. One of them must be a Humanities.
Focus Area Course	3	C	

Historical and Theoretical Arts Studies OR Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HDA 252: Foundations Arts and Design Entrepreneurship	3	C	• Create a first draft resume.
Arts Discipline and Practice Course	3	C	
Focus Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete Computer/Statistics/Quantitative Applications (CS) course(s).			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	• Explore an internship; after finding an internship, complete the Internship Application form request to receive course credit.
Fiscal or Statistical Literacy Elective	3	C	
Upper Division Arts Discipline and Practice Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HDA 397: Capstone Development	1	C	• Students are responsible for securing their own internship experience. Students must receive approval prior to working at the internship in order for the experience to apply as course credit. • Gather professional references and format the information as an addendum to your resume.
HDA 484: Internship	3	C	
Critical Thinking and Analysis Elective	3	C	
Upper Division Community Engaged Practices Elective	3	C	
Upper Division Focus Area Course	3	C	
Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Capstone: Thesis or Independent Research Project	3	C	• For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options. • Develop a website / portfolio to aid in applying for full-time careers.
Upper Division Focus Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		

Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Capstone: Thesis or Independent Research Project	3	C	• For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options.
Upper Division Focus Area Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

- Students will select 1 of 3 possible focus area tracks: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval.

Hide Course List(s)/Track Group(s)

Arts Discipline and Practice: Select 4 courses; 12 credits (at least 3 upper division)
ARC Elective
ALA Elective
AME Elective
ARA Elective
ART Elective
DCE Elective
DSC Elective
EDS Elective
FMP Elective
FSH Elective
GRA Elective
IND Elective
INT Elective
LAP Elective
MSC Elective
MUP Elective
MUS Elective
THE Elective
THF Elective
THP Elective

Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus: Select 1 course; 3 credits
ARC 111: Architecture of Architecture I
ARC 112: Architecture of Architecture II
ARC 432: Architecture History
ARS 201: Art of Asia (HU & H & G)
ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)
ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ARS 369: Mexican Art (HU)
ARS 403: Art of the Aztec Empire
ARS 444: Films of India
ARS 465: Native Art of North America (HU & C & H)
ARS 472: Art of China (HU)
ARS 473: Art of Japan (HU)
ARS 475: Chinese Painting (HU)
DCE 201: Dance, Culture, and Global Contexts (HU)
DSC 101: Design Awareness (HU & G)
FMP 340: Approaches to International Cinema (HU & G)
FMP 404: World Cinema (G)
INT 415: Latin American Design

Historical and Theoretical Arts Studies: Select 1 course; 3 credits
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
AME 310: Media Literacies and Composition
APH Elective
ARA 202: Understanding Photographs
ARA 498: Photography and Language (L)
ARC 111: Architecture of Architecture I
ARC 112: Architecture of Architecture II
ARC 432: Architecture History
ARS Elective
DCE 201: Dance, Culture, and Global Contexts (HU)
DCE 202: Dance in U.S. Popular Culture (HU & C)
DCE 300: Dancing Histories (HU)
DCE 301: Dance Analysis and Theory (L or HU)
DCE 302: History of American Hip Hop Dance (HU & C)
DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)
DCE 402: Ethnography of Dance Practices (L)
DSC 101: Design Awareness (HU & G)

MHL 344: Music in World Cultures (HU & G)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

THE 475: Latin American Film ((L or HU) & G)

FMP 250: Sex and Violence in Film and TV: Ethics Survey

FMP 340: Approaches to International Cinema (HU & G)

FMP 404: World Cinema (G)

FMP 405: Special Topics

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

LPH Elective

MHL Elective

MUS 131: Bach to Bebop (HU)

MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H)

MUS 347: Jazz in America (HU & C)

MUS 354: Special Topics

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU & C & H)

THE 322: Theatre History and Culture (HU & H)

THE 406: American Multicultural Film (HU & C)

THE 420: Theatre in America (HU)

		THE 421: Shakespeare: Stage and Film (L or HU)
		THE 422: Latinx Theatre and Film (HU & C)
		THE 423: African American Theatre (C)
		THE 425: Chekhov and Russian Drama (L or HU)
		THE 426: Pre-Columbian Theatre of the Americas
		THE 430: History of Fashion I (HU)
		THE 431: History of Fashion II: 20th-Century Fashion
		THE 475: Latin American Film ((L or HU) & G)
Community Engaged Practices Elective	Critical Thinking and Analysis Elective	Fiscal or Statistical Literacy Elective
ART 442: Art and Community	AME 130: Prototyping Dreams (L)	ACC 231: Uses of Accounting Information I
DCE 494: The Atlas of Creative Tools or THP 494: The Atlas of Creative Tools or HDA 494: The Atlas of Creative Tools	ARA 489: Writing Art and Design Criticism (L)	ACC 232: Financial Accounting I
DSC 494: Indigenous Architecture, Planning and Construction	ARS 345: Art and Television	ACC 382: Accounting and Financial Analysis
DSC 494: Indigenous Project Delivery	ART 110: Drawing as Seeing and Thinking (HU)	ECN 211: Macroeconomic Principles (SB)
EDS 301: Sustainable Community Design and Practices (HU)	EDS 223: Design Thinking	ECN 212: Microeconomic Principles (SB)
HDA 394: Design & Arts Corps	FMP 403: Independent Film (HU)	ECN 221: Business Statistics (CS)
HDA 394: Disrupt, Create, Sustain	FMP 405: Film Genres, Part 2	FIN 380: Personal Financial Management
HDA 494: Civ Prac: Artists&Designers Collaborating/Comm	MUS 213: Critical Thinking in the Arts (HU)	STP 226: Elements of Statistics (CS)
HDA 494: Civic Body: Art and Public Health	THE 421: Shakespeare: Stage and Film (L or HU)	
HDA 494: Civic Practice:Arts/Design & Public Partnerships		
HDA 494: Creative Facilitation: Collaboration, Imagination		
HDA 494: Creative Project Management		
HDA 494: Design & Arts Corps		
HUL 494: Special Topics		
Notes: Any topic offered though ASU's Humanities Lab (https://humanities.lab.asu.edu/)		
NLM 410: Social Entrepreneurship		
THP 482: Theatre for Social Change (C)		
Arts Administration Focus (0 or 18 credits)	Entertainment Design Focus (0 or 18 credits)	

Students that select the Arts Administration Focus must complete 18 credits (at least 12 upper division credits) from this group.

MGT 380: Management and Strategy for Nonmajors or OGL 300: Theory and Practice of Leadership

MKT 390: Essentials of Marketing or MKT 395: Essentials of Advertising and Marketing Communication

Pick an additional four couses (12 more credits; at least 6 upper division credits):

ACC Elective

ARA 396: Professional Practices for Design and the Arts

ARA 460: Gallery Exhibitions

DSC 394: Design Entrepreneurship & Society

DSC 494: Practice Management

ECN Elective

ENT Elective

ENT 290: Entrepreneurship: Opportunity to Impact

FIN Elective

FMP 417: Business and Legal Practices in Entertainment

GRA 440: Finding Purpose

HDA 420: Design and the Arts Business Administration

HDA 494: Business Writing for Artists & Designers

INT 471: Facilities Management

MGT Elective

MGT 400: Cross-Cultural Management (C & G)

MKT Elective

MUP 438: The Enterprising Musician

MUP 439: Music Product Creation and Development

NLM Elective

NLM 220: Introduction to Nonprofit Organizations

NLM 235: Leadership and Ethics

Students that select the Entertainment Design Focus must complete 18 credits (at least 12 upper division credits) from this group.

AME 111: Introduction to Digital Culture (CS)

AME 112: Computational Thinking for Digital Culture

AME 130: Prototyping Dreams (L)

AME 230: Programming for the Media Arts (CS)

AME 320: Motion Capture for Integrative Systems

AME 340: Compositional and Computational Principles for Media Arts

AME 411: Advanced Interactive Sound

AME 470: Programming for Social and Interactive Media

ARA 460: Gallery Exhibitions

ART 110: Drawing as Seeing and Thinking (HU)

ART 116: Introduction to Digital Media

ART 123: Introduction to Photography for Nonmajors (HU)

ART 206: Digital Photography I

ART 207: Digital Photography II

ART 217: Introduction to Computer Animation

ART 261: Ceramic Survey

ART 274: Wood I

ART 346: 3-D Computer Imaging and Animation (CS)

ART 348: Animation Motion Studies

DCE 100: Introduction to Dance (HU)

DCE 203: The Walking Body (HU)

DCE 240: Media for Dance (CS)

EDS 223: Design Thinking

FSH 435: Contemporary Fashion (L or HU)

FMP 201: Film: The Creative Process I (HU)

FMP 220: Film and Media Post-Production I

FMP 225: Introduction to Visual Effects

Entertainment Design Focus Continued (0 or 18 credits)

IND 242: Materials and Design

IND 344: Human Factors in Design

INT 351: Ambient Environment

INT 446: Furniture Design and Production

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MUP 319: Advanced Audio Engineering in the Arts

MUS 100: Fundamentals of Music Notation

MUS 210: The Arts Around Us (HU)

MUS 211: Dance, Music and Meaning (HU)

MUS 212: Music, Meaning and Imagination (HU)

MUS 294: Music and Society

MUS 294: Producing Hip Hop and Dance Music I

MUS 294: Songwriting

MUS 355: American Music (HU & C & H)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

THF 101: Acting Introduction

THF 215: Design and Composition for Theatre and Film (HU)

THP 201: Theatre Production Crew

THP 213: Introduction to Technical Theatre

THP 214: Introduction to Costuming

THP 317: Stage Management

THP 330: Costume Design

THP 332: Makeup

THP 335: Advanced Stagecraft

THP 340: Scene Design

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

NLM 300: Fund Raising and Resource Development	FMP 240: Introduction to Animation for Film	THP 387: Screen Acting
NLM 310: Volunteer Management	FMP 255: Media Authorship (CS)	THP 394: Pattern Drafting for Theatre
NLM 410: Social Entrepreneurship	FMP 280: Introduction to Film and Media Production	THP 431: Advanced Costume Construction
NLM 430: Managing Nonprofit Organizations (L)	FMP 325: Guerilla VFX	THP 435: Technical Direction
NLM 435: Service Learning for Community Development	FMP 355: Transborder Digital Media Making	THP 440: Advanced Scene Design
NLM 451: Grant Writing	GRA 101: Designing Life	THP 441: Scene Painting
OGL Elective	GRA 401: Creative Environment	THP 442: Rendering for Design and Production
PAF 300: Public Management and Administration	HDA 420: Design and the Arts Business Administration	THP 344: Hand Drafting for the Live Entertainment
THP 251: Student Production Board I	IAP 104: Foundations I: Fundamentals of Sound Art	THP 445: Advanced Lighting Design
THP 351: Arts Management	IAP 321: Music Composition I	THP 455: Advanced Media Design
THP 450: Theatre Organization and Management	IAP 322: Multitrack Digital Recording	THP 448: AutoCAD for Live Entertainment
THP 451: Student Production Board II	IAP 325: Sound Performance: Exploring Alternative Performance Groups	THP 449: AutoCAD 3D for Live Entertainment
		THP 494: Art Direction

Individual Focus (0 or 18 Credits)
Students that are interested in the Individual Focus will need to work with an Academic Advisor and Faculty member to submit a proposal. Focus area courses are approved through submission of the proposal.

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Dance, BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FADANBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 132: First-Year Dance Techniques	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors take DCE 170 to complete this requirement. • One Personal Movement Practices course is required this term -- see course list below for choices. • Join an organization and/or participate in an off-campus performance project.
DCE 160: Creative Practices I	3	C	
DCE 170: First-Year Seminar I	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Lower Division Personal Movement Practice	2	C	
Mathematics (MA)	3		
Milestone: School of MDT BFA Dance students must successfully complete the following before enrolling at ASU: Dance Application and Dance Admissions Festival Day.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 132: First-Year Dance Techniques	3	C	• One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.
DCE 161: Creative Practices II	3	C	
DCE 205: How Dance Matters: A Sociocultural Framing (C)	3	C	
THF 126: Professional Development: Communication and Collaboration.	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Lower Division Personal Movement Practice	2	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 260: Creative Practices III	3	C	• Two Personal Movement Practices courses are required this term -- see course list below for choices. • Advancement in Personal Movement Practices is determined by instructor.
DCE 226: Musical and Kinesthetic Communication in Dance	2	C	
DCE 240: Media for Dance (CS)	3	C	
Complete 2 courses: Lower Division Personal Movement Practice	4	C	

Natural Science - Quantitative (SQ)	4		• Establish career interests, develop soft skills, build a resume and research internship opportunities.
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 136: Introduction to Somatic Movement OR DCE 236: Somatic Movement Applications: A Closer Look OR DCE 336: Somatic Movement Development and Facilitation	2-3	C	• Two Personal Movement Practice courses are required this term -- see course list below for choices. • Advancement in Personal Movement Practices is determined by instructor.
DCE 261: Creative Practices IV	3	C	
DCE 354: Creative Approaches to Teaching Dance I	3	C	
DCE 204: Dance, Health and Wellness (L)	3	C	
Complete 2 courses: Lower Division Personal Movement Practice	4	C	
Term hours subtotal:	15-16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 360: Creative Practices V	3	C	• Begin career/degree alignment. Engage in community partnerships or projects.
DCE 233: Hip Hop II OR DCE 234: Postmodern Contemporary II OR DCE 235: Contemporary Ballet II OR DCE 239: Afro-Latin Movement Practices II OR DCE 333: Hip Hop III OR DCE 334: Postmodern Contemporary III OR DCE 335: Contemporary Ballet III OR DCE 339: Afro-Latin Movement Practices III	2-3	C	
DCE 300: Dancing Histories (HU) OR DCE 302: History of American Hip Hop Dance (HU & C) OR DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)	3	C	
DCE 356: Creative Approaches to Teaching Dance II	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	15-16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 361: Creative Practices VI	3	C	• One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. • Advancement in Personal Movement Practices is determined by instructor.
DCE 301: Dance Analysis and Theory (L or HU) OR DCE 402: Ethnography of Dance Practices (L) OR DCE 404: Dance and Ethics (L)	3	C	
Upper Division Personal Movement Practice	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 460: Transitions I	2	C	• One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional
DCE 303: The Body Condition(ed) (SB) OR DCE 403: Making. Living. Thriving Through the Arts (HU) OR DCE 405: Writing the Creating Body (L or HU)	3	C	
Upper Division Personal Movement Practice	3	C	

Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Upper Division Elective OR DCE 484: Internship	3	
Term hours subtotal:	14	

Personal Movement Practices course in this term for general elective credit if their schedule allows.

- Advancement in Personal Movement Practices is determined by instructor.
- Start networking professionally.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 461: Transitions II	2	C	• One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. • Advancement in Personal Movement Practices is determined by instructor.
Upper Division Personal Movement Practice	3	C	
DCE course (HU) Upper Division	3	C	
Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Lower Division Personal Movement Practices	Upper Division Personal Movement Practices
DCE 133: Hip Hop I	DCE 333: Hip Hop III
DCE 134: Postmodern Contemporary I	DCE 334: Postmodern Contemporary III
DCE 135: Contemporary Ballet I	DCE 335: Contemporary Ballet III
DCE 136: Introduction to Somatic Movement	DCE 336: Somatic Movement Development and Facilitation
DCE 139: Afro-Latin Movement Practices I	DCE 339: Afro-Latin Movement Practices III
DCE 233: Hip Hop II	
DCE 234: Postmodern Contemporary II	
DCE 235: Contemporary Ballet II	
DCE 236: Somatic Movement Applications: A Closer Look	
DCE 238: Hip Hop Ensemble	
DCE 239: Afro-Latin Movement Practices II	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Dance (Dance Education), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FADANEBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 132: First-Year Dance Techniques	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors complete DCE 170 to fulfill this requirement. • One Personal Movement Practices course is required this term -- see course list below for choices. • Join an organization and/or participate in an off-campus performance project.
DCE 160: Creative Practices I	3	C	
DCE 170: First-Year Seminar I	2	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Lower Division Personal Movement Practice	2	C	
Mathematics (MA)	3		
Milestone: School of MDT BFA Dance Education students must successfully complete the following before enrolling at ASU: Dance Application and Dance Admissions Festival Day.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 132: First-Year Dance Techniques	3	C	• One Personal Movement Practices course is required this term -- see course list below for choices. • Advancement in Personal Movement Practice courses is determined by instructor.
DCE 161: Creative Practices II	3	C	
DCE 205: How Dance Matters: A Sociocultural Framing (C)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
THF 126: Professional Development: Communication and Collaboration.	2	C	
Lower Division Personal Movement Practice	2	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 226: Musical and Kinesthetic Communication in Dance	2	C	• Two Personal Movement Practices courses are required this term -- see course list below for choices.
DCE 260: Creative Practices III	3	C	
DCE 201: Dance, Culture, and Global Contexts (HU)	3	C	

DCE 240: Media for Dance (CS)	3	C
Complete 2 courses: Lower Division Personal Movement Practice	4	C
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

- Advancement in Personal Movement Practice courses is determined by instructor.
- Establish career interests, develop soft skills, build a resume and research internship opportunities.
- Apply for Identity Verified Print (IVP) fingerprint clearance card through the DPS website. You will need the card to be in the classroom with K-12th grade students, prior to starting your first internship.

Term 4 47 - 63 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**
DCE 204: Dance, Health and Wellness (L)	3	C
DCE 261: Creative Practices IV	3	C
DCE 354: Creative Approaches to Teaching Dance I	3	C
DCE 136: Introduction to Somatic Movement OR DCE 236: Somatic Movement Applications: A Closer Look	2	C
Lower Division Personal Movement Practice	2	C
Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended)	3	
Complete DCE 201 course.		
Minimum 2.25 GPA ASU Cumulative.		
Term hours subtotal:	16	

- One Personal Movement Practices course is required this term -- see course list below for choices.
- Advancement in Personal Movement Practice courses is determined by instructor.
- GCU 113 satisfies the US and AZ constitution requirement needed for teaching in Arizona.
- Prior to enrollment in Term 5 courses, you must meet with your advisor and submit an "Intent to Progress" form that notifies Teachers College you are ready to enroll in your first internship. You will upload a copy of your IVP Fingerprint Card with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation.

Term 5 63 - 80 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
DCE 357: Teaching Internship	1	C
DCE 360: Creative Practices V	3	C
DCE 300: Dancing Histories (HU)	3	C
DCE 356: Creative Approaches to Teaching Dance II	3	C
Upper Division Personal Movement Practice	3	C
Natural Science - Quantitative (SQ)	4	
Minimum 2.25 GPA ASU Cumulative.		
Term hours subtotal:	17	

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.
- Begin first dance education internship.
- Career/degree alignment: engage in a community partnership or project.

Term 6 80 - 96 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
BLE 408: Structured English Immersion (SEI) Methods (L)	3	C
DCE 357: Teaching Internship	1	C
DCE 336: Somatic Movement Development and Facilitation	3	C
DCE 361: Creative Practices VI	3	C
Upper Division Personal Movement Practice	3	C
DCE Upper Division Elective	3	C
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Minimum 2.25 GPA ASU Cumulative.		

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.

Term hours subtotal:	16

Term 7 96 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 315: Child and Adolescent Development (L or SB)	3	C	• Students may want to include a Personal Movement Practices course. • Start networking professionally.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	2		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	• Your student teaching residency requires a full-time commitment in a K-12th grade classroom for the semester. • Students seeking teacher certification must pass required educator exams. Please speak with your faculty to plan appropriately.
TEL 471: Professional Educator Series: The Principled Educator	1	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Lower Division Personal Movement Practices
DCE 133: Hip Hop I
DCE 134: Postmodern Contemporary I
DCE 135: Contemporary Ballet I
DCE 136: Introduction to Somatic Movement
DCE 139: Afro-Latin Movement Practices I
DCE 233: Hip Hop II
DCE 234: Postmodern Contemporary II
DCE 235: Contemporary Ballet II
DCE 236: Somatic Movement Applications: A Closer Look
DCE 238: Hip Hop Ensemble
DCE 239: Afro-Latin Movement Practices II

Upper Division Personal Movement Practices
DCE 333: Hip Hop III
DCE 334: Postmodern Contemporary III
DCE 335: Contemporary Ballet III
DCE 336: Somatic Movement Development and Facilitation
DCE 339: Afro-Latin Movement Practices III

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	• Digital Media courses include digital media projects within a trans-disciplinary area of
Lower Division Digital Culture Studies Course	3	C	

Humanities, Arts and Design (HU) AND Global Awareness (G)	3		study. See course list or talk to your advisor for specific course options. • Build your skills.
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4		
Social-Behavioral Sciences (SB)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Digital Media Course OR Digital Culture Studies Course	6	C	
Lower Division History/Theory Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course	3	C	• Build a digital portfolio.
Complete 2 courses: Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Upper Division History/Theory Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course	3	C	• Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests. • Explore an internship. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II.
Upper Division Digital Culture Studies Course OR Upper Division Related Digital Culture Course	3	C	
Complete 2 courses: Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references.
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Media Engineering Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR AME 484: Internship	3		
Term hours subtotal:	15		

		Minimum	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Complete 2 courses: Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Related Digital Culture Course List
ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives
AME 330: Digital-Physical Systems
AME 333: Improvising Cyborgs
AME 360: Designing Mixed-Reality Experiences

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 438: Moving and Interactive Systems in Sculpture
ART 440: Experimental Video Art
ART 444: Documentary Video Art

History/Theory Course List
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
APH 300: World Architecture I/Western Cultures (HU & H & G)
APH 313: History of Architecture I ((L or HU) & G & H)
APH 314: History of Architecture II ((L or HU) & G & H)
ARA 202: Understanding Photographs
ARS 102: Art from Renaissance to Modernism (HU & H)
ARS 345: Art and Television
ARS 394: Anime
ARS 438: Art of the 20th Century I (HU & H)

- AME 394: Computational Photography
- AME 394: Special Topics
- AME 410: Interactive Materials
- AME 411: Advanced Interactive Sound
- AME 430: Mac Development for Media Arts
- AME 435: Mobile Development
- AME 444: Media Installations
- AME 470: Programming for Social and Interactive Media
- AME 494: Animating Virtual Worlds
- AME 494: Special Topics
- ART 116: Introduction to Digital Media
- ART 218: 3D Tools
- ART 378: Digital Textiles
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- FSH 394: Fashion Design & Wearable Technology
- MDC 211: Introduction to Digital Sound
- MDC 311: Composing and Performing for Hybrid Ensembles
- MDC 411: Advanced Interactive Sound
- ART 494: Visual Prototyping
- CIS 300: Web Design and Development
- CPI 111: Game Development I (CS)
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- EDT 440: Creating and Marketing Mobile Apps
- FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
- FMP 225: Introduction to Visual Effects
- FMP 240: Introduction to Animation for Film
- FMP 255: Media Authorship (CS)
- FMP 315: Sound Design for Film and Media I
- GIT 135: Graphic Communications
- GIT 215: Introduction to Web Authoring
- GIT 230: Digital Illustration in Publishing
- GRA 294: Illustrator
- GRA 294: InDesign
- GRA 294: Photoshop
- IAP 103: Foundations I: Interdisciplinary Art Practice
- IAP 104: Foundations I: Fundamentals of Sound Art
- IAP 322: Multitrack Digital Recording
- IAP 361: Digital Editing and Media Literacy (CS)
- IAP 364: Documentaries
- IAP 367: Motion Graphics and Animation
- IAP 462: Games and Play
- MDC 311: Composing and Performing for Hybrid Ensembles
- ARS 439: Art of the 20th Century II (HU & H)
- DCE 300: Dancing Histories (HU)
- DSC 101: Design Awareness (HU & G)
- FMP 294: History of Film & Television Production
- FMP 403: Independent Film (HU)
- FMP 405: Film and Television: Pioneers, Practices and Innovations
- GRA 111: Graphic Design History I (HU)
- GRA 112: Graphic Design History II
- IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
- IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
- IND 316: 20th-Century Design I (HU & H)
- IND 317: 20th-Century Design II (HU & H)
- INT 111: Interior Design Issues and Theories (HU)
- INT 310: History of Interior Design I (HU & H)
- INT 311: History of Interior Design II (HU & H)
- LAP 311: History of Landscape Architecture (HU & H)
- LAP 312: 20th-Century Landscape Architecture (HU)
- MUS 347: Jazz in America (HU & C)
- MUS 354: Special Topics
- MUS 356: Broadway and the American Musical (HU)
- MUS 362: Rap Music and Hip Hop Culture (HU & C)
- STS 303: History of Science and Technology (H)
- THE 320: History of the Theatre I (HU & H)
- THE 322: Theatre History and Culture (HU & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture, BA

School/College: Herberger Institute for Design and the Arts
Location: ASU Local
HIDGCBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HDA 101: ASU & Herberger Institute Experience	1	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU.
MAT 117: College Algebra (MA)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
Lower Division Digital Culture Flexible Elective	3	C	• Build your skills.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 3 - B 31 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	• Digital Media Courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below, or talk to your advisor for specific course options.
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 37 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 4 - B 43 - 49 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	
Lower Division Digital Culture Studies Course	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 49 - 56 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4		• Build a digital portfolio.
Elective	3		
Term hours subtotal:	7		

Term 5 - B 56 - 62 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course	3	C	
Lower Division History/Theory Course	3	C	
Term hours subtotal:	6		

Term 6 - A 62 - 69 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• Explore an internship. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Upper Division History/Theory Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Digital Culture Studies Course	3	C	
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course OR Upper Division Related Digital Culture Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: ★ Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references.
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Media Engineering Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by		Minimum	

	Hours	Grade	Notes
AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective OR AME 484: Internship	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 494: Animating Virtual Worlds

Related Digital Culture Course List
ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 360: Designing Mixed-Reality Experiences
AME 394: Computational Photography
AME 394: Special Topics
AME 494: Animating Virtual Worlds

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 394: Digital Photography for Non-Majors
ART 494: Visual Prototyping
CIS 300: Web Design and Development
GIT 135: Graphic Communications
GIT 215: Introduction to Web Authoring
GIT 230: Digital Illustration in Publishing
IAP 103: Foundations I: Interdisciplinary Art Practice
IAP 361: Digital Editing and Media Literacy (CS)
IAP 364: Documentaries
IAP 462: Games and Play

History/Theory Course List
ALA 100: Introduction to Environmental Design (HU & H & G)
ARS 345: Art and Television
ARS 394: Anime
ARS 438: Art of the 20th Century I (HU & H)
DSC 101: Design Awareness (HU & G)
FMP 294: History of Film & Television Production
FMP 405: Film and Television: Pioneers, Practices and Innovations
GRA 111: Graphic Design History I (HU)
GRA 112: Graphic Design History II
IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
MUS 347: Jazz in America (HU & C)
MUS 354: Popular Music
MUS 356: Broadway and the American Musical (HU)
MUS 362: Rap Music and Hip Hop Culture (HU & C)
STS 303: History of Science and Technology (H)

THE 322: Theatre History and Culture (HU & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Art), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCABA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ARS 102: Art from Renaissance to Modernism (HU & H) OR ARS 250: History of Photography (HU)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	

ART 108: Digital Literacy for the Arts OR ART 110: Drawing as Seeing and Thinking (HU) OR ART 113: Pictorial Investigations and Color Theory	3	C
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Digital Media courses include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options.
- Build your skills.

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	• Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of digital culture and personal career interests. • Build a digital portfolio.
Upper Division Digital Culture Studies OR Related Digital Culture Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
History/Theory Course	3	C	
Elective OR AME 484: Internship	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	• Explore an internship.
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Studio Art	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references.
Upper Division Art History	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Art Concentration Course	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Media Engineering	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Related Digital Culture Course List
ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Upper Division Studio Art Course List
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 439: Studio Inquiry: Practice and Cultural Context
ART 440: Experimental Video Art
ART 442: Art and Community
ART 445: Digital Processes for Printmaking

Upper Division Art History Course List
ARS 345: Art and Television
ARS 394: Anime
ARS 438: Art of the 20th Century I (HU & H)
ARS 439: Art of the 20th Century II (HU & H)
ARS 456: Introduction to Museums

Upper Division Art Concentration Course List
ARS 345: Art and Television
ARS 394: Anime
ARS 438: Art of the 20th Century I (HU & H)
ARS 439: Art of the 20th Century II (HU & H)
ARS 456: Introduction to Museums
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors

ART 444: Documentary Video Art

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

ART 424: Stop Motion Animation

ART 439: Studio Inquiry: Practice and Cultural Context

ART 440: Experimental Video Art

ART 442: Art and Community

ART 445: Digital Processes for Printmaking

ART 444: Documentary Video Art

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 438: Moving and Interactive Systems in Sculpture
ART 440: Experimental Video Art
ART 444: Documentary Video Art
ART 494: Visual Prototyping
CIS 300: Web Design and Development
CPI 111: Game Development I (CS)
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
EDT 440: Creating and Marketing Mobile Apps
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
FMP 225: Introduction to Visual Effects
FMP 240: Introduction to Animation for Film
FMP 255: Media Authorship (CS)
FMP 315: Sound Design for Film and Media I

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 330: Digital-Physical Systems
AME 333: Improvising Cyborgs
AME 394: Special Topics
AME 411: Advanced Interactive Sound
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 444: Media Installations
AME 470: Programming for Social and Interactive Media
AME 494: Special Topics
ART 116: Introduction to Digital Media
ART 218: 3D Tools
ART 378: Digital Textiles
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
FSH 394: Fashion Design & Wearable Technology

History/Theory Course List
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
APH 300: World Architecture I/Western Cultures (HU & H & G)
APH 313: History of Architecture I ((L or HU) & G & H)
APH 314: History of Architecture II ((L or HU) & G & H)
ARA 202: Understanding Photographs
ARS 102: Art from Renaissance to Modernism (HU & H)
ARS 345: Art and Television
ARS 394: Anime
ARS 438: Art of the 20th Century I (HU & H)
ARS 439: Art of the 20th Century II (HU & H)
DCE 300: Dancing Histories (HU)
DSC 101: Design Awareness (HU & G)
FMP 294: History of Film & Television Production
FMP 403: Independent Film (HU)
FMP 405: Film and Television: Pioneers, Practices and Innovations
GRA 111: Graphic Design History I (HU)
GRA 112: Graphic Design History II

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 367: Motion Graphics and Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 411: Advanced Interactive Sound

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Special Topics

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Design), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCDBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Lower Division Design Concentration	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	• Digital Media courses include digital media projects within a trans-disciplinary area of
Lower Division Design Concentration	3	C	

Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

study. See course list or talk to your advisor for specific course options.

- Build your skills.

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	
Lower Division Design Concentration	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	
Upper Division Digital Culture Studies OR Related Digital Culture Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
History/Theory Course	3	C	
Elective OR AME 484: Internship	3		
Term hours subtotal:	15		

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	
Upper Division Design Concentration	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Explore an internship.

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	
Upper Division Design Concentration	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Design Concentration	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Media Engineering Course	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Related Digital Culture Course List
ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Lower Division Design Concentration
ALA OR APH OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH Lower Division Elective

Upper Division Design Concentration
APH OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH Upper Division Elective

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives
AME 330: Digital-Physical Systems
AME 333: Improvising Cyborgs
AME 360: Designing Mixed-Reality Experiences

- AME 394: Computational Photography
- AME 394: Special Topics
- AME 410: Interactive Materials
- AME 411: Advanced Interactive Sound
- AME 430: Mac Development for Media Arts
- AME 435: Mobile Development
- AME 444: Media Installations
- AME 470: Programming for Social and Interactive Media
- AME 494: Animating Virtual Worlds
- AME 494: Special Topics
- ART 116: Introduction to Digital Media
- ART 218: 3D Tools
- ART 378: Digital Textiles
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- FSH 394: Fashion Design & Wearable Technology
- MDC 211: Introduction to Digital Sound
- MDC 311: Composing and Performing for Hybrid Ensembles
- MDC 411: Advanced Interactive Sound

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 438: Moving and Interactive Systems in Sculpture
ART 440: Experimental Video Art
ART 444: Documentary Video Art

History/Theory Course List
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
APH 300: World Architecture I/Western Cultures (HU & H & G)
APH 313: History of Architecture I ((L or HU) & G & H)
APH 314: History of Architecture II ((L or HU) & G & H)
ARA 202: Understanding Photographs
ARS 102: Art from Renaissance to Modernism (HU & H)
ARS 345: Art and Television
ARS 394: Anime
ARS 438: Art of the 20th Century I (HU & H)

ART 494: Visual Prototyping

CIS 300: Web Design and Development

CPI 111: Game Development I (CS)

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture

EDT 440: Creating and Marketing Mobile Apps

FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro

FMP 225: Introduction to Visual Effects

FMP 240: Introduction to Animation for Film

FMP 255: Media Authorship (CS)

FMP 315: Sound Design for Film and Media I

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 367: Motion Graphics and Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

ARS 439: Art of the 20th Century II (HU & H)

DCE 300: Dancing Histories (HU)

DSC 101: Design Awareness (HU & G)

FMP 294: History of Film & Television Production

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers, Practices and Innovations

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Special Topics

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (English), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCENBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Lower Division Digital Culture Studies	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	• Build your skills.
English Concentration Electives Category I	3	C	

Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	• Digital Media courses include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options.
Complete 2 courses: English Concentration Electives Category I	6	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	• Build a digital portfolio.
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Complete 2 courses: Upper Division English Concentration Electives Category II	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	• Explore an internship.
ENG 400: History of Literary Criticism (L or HU) OR ENG 401: Topics in Critical Theory OR ENG 472: Rhetorical Studies (L)	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division English Concentration Electives Category III	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references.
Upper Division Digital Culture Studies OR Upper Division Media Engineering Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division English Concentration Electives Category III	3	C	
Elective OR AME 484: Internship	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division English Concentration Electives Category III	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives
AME 330: Digital-Physical Systems
AME 333: Improvising Cyborgs
AME 360: Designing Mixed-Reality Experiences
AME 394: Computational Photography
AME 394: Special Topics
AME 410: Interactive Materials
AME 411: Advanced Interactive Sound
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 444: Media Installations
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Special Topics

ART 116: Introduction to Digital Media
ART 218: 3D Tools
ART 378: Digital Textiles
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
FSH 394: Fashion Design & Wearable Technology
MDC 211: Introduction to Digital Sound
MDC 311: Composing and Performing for Hybrid Ensembles
MDC 411: Advanced Interactive Sound

English Concentration Electives Category I (select 9 credits)
ENG 205: Introduction to Writing, Rhetorics and Literacies (L)
ENG 210: Introduction to Creative Writing
ENG 213: Introduction to the Study of Language
FMS 200: Film and Media History ((L or HU) & H)

English Concentration Electives Category II (select 6 credits)
ENG 312: English in its Social Setting (L or HU or SB)
ENG 314: Modern Grammar
ENG 403: Semantics
ENG 447: Experimental Narrative (HU)
FMS 351: Emerging Digital Media

English Concentration Electives Category III (select 9 credits)
ENG Upper Division Elective
FMS Upper Division Elective

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 438: Moving and Interactive Systems in Sculpture
ART 440: Experimental Video Art
ART 444: Documentary Video Art
ART 494: Visual Prototyping
CIS 300: Web Design and Development
CPI 111: Game Development I (CS)

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture

EDT 440: Creating and Marketing Mobile Apps

FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro

FMP 225: Introduction to Visual Effects

FMP 240: Introduction to Animation for Film

FMP 255: Media Authorship (CS)

FMP 315: Sound Design for Film and Media I

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 367: Motion Graphics and Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Film), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCFBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FMP 201: Film: The Creative Process I (HU)	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMP 180: Principles of Production Technology	3	C	• Digital Media courses include digital media projects within a trans-disciplinary area of
Digital Media OR Digital Culture Studies	3	C	

Global Awareness (G)	3	
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

study. See course list below or talk to your advisor for specific course options.
- Build your skills.

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	
FMP 280: Introduction to Film and Media Production	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	
Upper Division Digital Culture Studies OR Related Digital Culture Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
History/Theory Course	3	C	
Elective	3		
Term hours subtotal:	15		

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Film Concentration	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Explore an internship.

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Film Concentration	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Film Concentration	3	C	
Upper Division Media Engineering	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Related Digital Culture Course List
ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 438: Moving and Interactive Systems in Sculpture
ART 440: Experimental Video Art
ART 444: Documentary Video Art

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives
AME 330: Digital-Physical Systems
AME 333: Improvising Cyborgs
AME 360: Designing Mixed-Reality Experiences

Film Concentration
FMP 300: Film Production: Film & Media Part 1
FMP 325: Guerilla VFX
FMP 335: Careers in Film and Media Industry
FMP 345: Cinematography I
FMP 350: Directing for Documentary Media
FMP 370: Producing for Film and Media
FMP 394: Special Topics
FMP 403: Independent Film (HU)
FMP 405: Film and Television: Pioneers, Practices and Innovations
FMP 445: Cinematography II
FMP 494: Special Topics

- ART 494: Visual Prototyping
- CIS 300: Web Design and Development
- CPI 111: Game Development I (CS)
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- EDT 440: Creating and Marketing Mobile Apps
- FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
- FMP 225: Introduction to Visual Effects
- FMP 240: Introduction to Animation for Film
- FMP 255: Media Authorship (CS)
- FMP 315: Sound Design for Film and Media I
- GIT 135: Graphic Communications
- GIT 215: Introduction to Web Authoring
- GIT 230: Digital Illustration in Publishing
- GRA 294: Illustrator
- GRA 294: InDesign
- GRA 294: Photoshop
- IAP 103: Foundations I: Interdisciplinary Art Practice
- IAP 104: Foundations I: Fundamentals of Sound Art
- IAP 322: Multitrack Digital Recording
- IAP 361: Digital Editing and Media Literacy (CS)
- IAP 364: Documentaries
- IAP 367: Motion Graphics and Animation
- IAP 462: Games and Play
- MDC 311: Composing and Performing for Hybrid Ensembles

History/Theory Course List

- ALA 100: Introduction to Environmental Design (HU & H & G)
- ALA 102: Landscapes and Sustainability (HU & G)
- APH 300: World Architecture I/Western Cultures (HU & H & G)
- APH 313: History of Architecture I ((L or HU) & G & H)
- AME 394: Computational Photography
- AME 394: Special Topics
- AME 410: Interactive Materials
- AME 411: Advanced Interactive Sound
- AME 430: Mac Development for Media Arts
- AME 435: Mobile Development
- AME 444: Media Installations
- AME 470: Programming for Social and Interactive Media
- AME 494: Animating Virtual Worlds
- AME 494: Special Topics
- ART 116: Introduction to Digital Media
- ART 218: 3D Tools
- ART 378: Digital Textiles
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- FSH 394: Fashion Design & Wearable Technology
- MDC 211: Introduction to Digital Sound
- MDC 311: Composing and Performing for Hybrid Ensembles
- MDC 411: Advanced Interactive Sound

- APH 314: History of Architecture II ((L or HU) & G & H)
- ARA 202: Understanding Photographs
- ARS 102: Art from Renaissance to Modernism (HU & H)
- ARS 345: Art and Television
- ARS 394: Anime
- ARS 438: Art of the 20th Century I (HU & H)
- ARS 439: Art of the 20th Century II (HU & H)
- DCE 300: Dancing Histories (HU)
- DSC 101: Design Awareness (HU & G)
- FMP 294: History of Film & Television Production
- FMP 403: Independent Film (HU)
- FMP 405: Film and Television: Pioneers, Practices and Innovations
- GRA 111: Graphic Design History I (HU)
- GRA 112: Graphic Design History II
- IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
- IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
- IND 316: 20th-Century Design I (HU & H)
- IND 317: 20th-Century Design II (HU & H)
- INT 111: Interior Design Issues and Theories (HU)
- INT 310: History of Interior Design I (HU & H)
- INT 311: History of Interior Design II (HU & H)
- LAP 311: History of Landscape Architecture (HU & H)
- LAP 312: 20th-Century Landscape Architecture (HU)
- MUS 347: Jazz in America (HU & C)
- MUS 354: Special Topics
- MUS 356: Broadway and the American Musical (HU)
- MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Graphic Information Technology), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCTEBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 230: Digital Illustration in Publishing	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 211: Introduction to Video Game Art OR GIT 215: Introduction to Web Authoring	3	C	• Students interested in the Animation focus should take GIT 211.
TMC 110: Understanding the Enterprise	3	C	

Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Students interested in the Web focus should take GIT 215.
- Build your skills.

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade
Digital Media OR Digital Culture Studies	3	C
GIT 312: 3-D Computer Graphics Modeling and Representation (CS) OR GIT 337: Web Content Design	3	C
Technological Entrepreneurship Course	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Elective	3	
Term hours subtotal:	15	

- Digital Media courses include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.
- Students interested in the Animation focus should take GIT 312.
- Students interested in the Web focus should take GIT 337.

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade
Upper Division Digital Culture Studies	3	C
GIT 411: Computer Animation OR GIT 414: Web Site Design and Internet/Web Technologies	3	C
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C
Upper Division Technological Entrepreneurship Course	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Term hours subtotal:	16	

- Students interested in the Animation focus should take GIT 411.
- Students interested in the Web focus should take GIT 414.
- Build a digital portfolio.

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade
Upper Division Digital Culture Studies	3	C
GIT 402: New Media Internet Technologies OR GIT 314: Multimedia Design, Planning and Storyboards OR GIT 417: Advanced Web Markup and Scripting	3	C
Complete 2 courses: Upper Division Digital Media OR Upper Division Digital Culture Studies	6	C
Upper Division Technological Entrepreneurship Course	3	C
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Students interested in the Animation focus should take GIT 314.
- Students interested in the Web focus should take GIT 402 or GIT 417.
- Explore an internship.

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade
AME 485: Digital Culture Capstone I	3	C
Upper Division Digital Culture Studies OR Media Engineering Course	3	C
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C
Upper Division Technological Entrepreneurship Course	3	C

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather professional references.

Elective OR AME 484: Internship	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Culture Studies OR Upper Division Digital Media OR Media Engineering Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Technological Entrepreneurship Course List
OMT 430: Ethical Issues in Technology
OMT 480: Organizational Effectiveness
TEM 230: Creativity and Business Innovation
TEM 330: Systems Innovation
TEM 431: Innovation Management
TMC 310: Promotion of the Enterprise
TMC 320: Funding the Enterprise
TMC 330: Leading the Enterprise
TMC 430: Enterprise Strategy and Innovation

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives

ART 438: Moving and Interactive Systems in Sculpture

ART 440: Experimental Video Art

ART 444: Documentary Video Art

ART 494: Visual Prototyping

CIS 300: Web Design and Development

CPI 111: Game Development I (CS)

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture

EDT 440: Creating and Marketing Mobile Apps

FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro

FMP 225: Introduction to Visual Effects

FMP 240: Introduction to Animation for Film

FMP 255: Media Authorship (CS)

FMP 315: Sound Design for Film and Media I

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 367: Motion Graphics and Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

AME 330: Digital-Physical Systems

AME 333: Improvising Cyborgs

AME 360: Designing Mixed-Reality Experiences

AME 394: Computational Photography

AME 394: Special Topics

AME 410: Interactive Materials

AME 411: Advanced Interactive Sound

AME 430: Mac Development for Media Arts

AME 435: Mobile Development

AME 444: Media Installations

AME 470: Programming for Social and Interactive Media

AME 494: Animating Virtual Worlds

AME 494: Special Topics

ART 116: Introduction to Digital Media

ART 218: 3D Tools

ART 378: Digital Textiles

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture

FSH 394: Fashion Design & Wearable Technology

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 411: Advanced Interactive Sound

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Interdisciplinary Arts and Performance), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDCIAPBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	
Interdisciplinary Arts and Performance Concentration	3	C	

Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Digital Media courses include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.
- Build your skills.

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	
Complete 2 courses: Interdisciplinary Arts and Performance Concentration	6	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	• Build a digital portfolio.
IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Interdisciplinary Arts and Performance Concentration	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies	3	C	• Explore an internship.
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Complete 2 courses: Upper Division Interdisciplinary Arts and Performance Concentration	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references.
Upper Division Digital Culture Studies OR Media Engineering Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Interdisciplinary Arts and Performance Concentration	3	C	
Elective OR AME 484: Internship	3		

Term hours subtotal:	15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Interdisciplinary Arts and Performance Concentration	3	C	
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Interdisciplinary Arts and Performance Concentration Course List
IAP 102: Foundations I: Performance Techniques and Composition
IAP 103: Foundations I: Interdisciplinary Art Practice
IAP 104: Foundations I: Fundamentals of Sound Art
IAP 105: Foundations I: Fundamentals of Visual Art
IAP 307: Art and War (HU & G)
IAP 321: Music Composition I
IAP 322: Multitrack Digital Recording
IAP 324: The Voice and Performance
IAP 325: Sound Performance: Exploring Alternative Performance Groups
IAP 333: Directing for Performance
IAP 354: Visual Representation
IAP 361: Digital Editing and Media Literacy (CS)
IAP 363: Sound, Image, and Media
IAP 365: Digital Interactivity
IAP 375: Contemporary Performance: Theories and Practice
IAP 394: Special Topics
IAP 431: Perspectives on Performance and Acting
IAP 441: Movement for Performance
IAP 464: Media and Diversity (HU & G)

- IAP 466: Digital Interactivity, Advanced
- IAP 468: Digital Graphic Applications
- IAP 469: Advanced Audio Production
- IAP 471: Language, Culture, and Performance (L or HU)
- IAP 494: Special Topics

Digital Media Course List
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 312: Illustration
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 438: Moving and Interactive Systems in Sculpture
ART 440: Experimental Video Art
ART 444: Documentary Video Art
ART 494: Visual Prototyping
CIS 300: Web Design and Development
CPI 111: Game Development I (CS)
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
EDT 440: Creating and Marketing Mobile Apps
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
FMP 225: Introduction to Visual Effects
FMP 240: Introduction to Animation for Film
FMP 255: Media Authorship (CS)
FMP 315: Sound Design for Film and Media I
GIT 135: Graphic Communications
GIT 215: Introduction to Web Authoring
GIT 230: Digital Illustration in Publishing

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives
AME 330: Digital-Physical Systems
AME 333: Improvising Cyborgs
AME 360: Designing Mixed-Reality Experiences
AME 394: Computational Photography
AME 394: Special Topics
AME 410: Interactive Materials
AME 411: Advanced Interactive Sound
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 444: Media Installations
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Special Topics
ART 116: Introduction to Digital Media
ART 218: 3D Tools
ART 378: Digital Textiles

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 367: Motion Graphics and Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture

FSH 394: Fashion Design & Wearable Technology

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 411: Advanced Interactive Sound

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Media Processing), BS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCMPBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
Maintain 3.00 GPA in Major Courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization.
CSE 110: Principles of Programming (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CPI 111: Game Development I (CS) OR CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Build your skills.
MAT 243: Discrete Mathematical Structures	3	C	

Digital Culture Studies	3	C
Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Culture Studies	3	C	• Look into Study Abroad options.
CPI 211: Game Development II OR CSE 240: Introduction to Programming Languages	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Digital Culture Studies	6	C	• Keep good documentation of all your projects.
CPI 360: Decision Making and Problem Solving OR CSE 310: Data Structures and Algorithms OR CPI 311: Game Engine Development	3	C	
Media Processing Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Digital Culture Studies OR Upper Division Digital Media	6	C	• Build a digital portfolio. • Explore an internship. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II.
Upper Division Media Processing Elective	3	C	
Media Processing Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references.
Upper Division Digital Culture Studies	3	C	
Upper Division Media Engineering	3	C	
Upper Division Media Processing Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

⭐ AME 486: Digital Culture Capstone II		3	C
Upper Division Digital Culture Studies OR Upper Division Digital Media		3	C
Upper Division Media Processing Elective		3	C
Elective		3	
	Term hours subtotal:	12	

- Start applying for full-time career opportunities.

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Media Processing Electives
CPI 211: Game Development II
CPI 221: Advanced Object-Oriented Principles Using Java or CPI 310: Web-Based Information Management Systems
CPI 321: Fundamentals of Game Art
CPI 394: Special Topics
CPI 411: Graphics for Games
CPI 421: 3-D Modeling and Texturing
CPI 462: Design for Learning in Virtual Worlds
CPI 494: Special Topics
CSE 205: Object-Oriented Programming and Data Structures (CS)
CSE 220: Programming for Computer Engineering
CSE 240: Introduction to Programming Languages
CSE 360: Introduction to Software Engineering
CSE 394: Special Topics
CSE 463: Introduction to Human Computer Interaction
CSE 470: Computer Graphics
CSE 494: Special Topics
IAP 362: Games and Narratology
IAP 462: Games and Play
IEE 431: Engineering Administration (L)
SER 431: Advanced Graphics

Digital Media Course List
ART 308: 2D Digital Animation

Digital Culture Studies Course List
AME 210: Media Editing

- ART 312: Illustration
- ART 346: 3-D Computer Imaging and Animation (CS)
- ART 348: Animation Motion Studies
- ART 394: Digital Photography for Non-Majors
- ART 424: Stop Motion Animation
- ART 438: Moving and Interactive Systems in Sculpture
- ART 440: Experimental Video Art
- ART 444: Documentary Video Art
- ART 494: Visual Prototyping
- CIS 300: Web Design and Development
- EDT 440: Creating and Marketing Mobile Apps
- FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
- IAP 322: Multitrack Digital Recording
- IAP 361: Digital Editing and Media Literacy (CS)
- IAP 364: Documentaries
- IAP 367: Motion Graphics and Animation
- IAP 462: Games and Play
- MDC 311: Composing and Performing for Hybrid Ensembles
- AME 220: Programming for the Web
- AME 240: Introduction to Physical Computing
- AME 244: Introduction to Interactive Environments
- AME 294: Circuit Bending
- AME 294: Design Politics
- AME 294: Soundscape Ecology
- AME 294: Special Topics
- AME 310: Media Literacies and Composition
- AME 320: Motion Capture for Integrative Systems
- AME 325: Technical Lives
- AME 330: Digital-Physical Systems
- AME 333: Improvising Cyborgs
- AME 360: Designing Mixed-Reality Experiences
- AME 394: Computational Photography
- AME 394: Special Topics
- AME 410: Interactive Materials
- AME 411: Advanced Interactive Sound
- AME 430: Mac Development for Media Arts
- AME 435: Mobile Development
- AME 444: Media Installations
- AME 470: Programming for Social and Interactive Media
- AME 494: Animating Virtual Worlds
- AME 494: Special Topics
- ART 116: Introduction to Digital Media
- ART 218: 3D Tools
- ART 378: Digital Textiles
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- FSH 394: Fashion Design & Wearable Technology
- MDC 211: Introduction to Digital Sound
- MDC 311: Composing and Performing for Hybrid Ensembles
- MDC 411: Advanced Interactive Sound

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Music), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCMBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • MTC 125 is only offered in the fall term and requires a placement diagnostic exam. Please see the your advisor to prepare this term to be able to take this course in the fall semester. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUS 100: Fundamentals of Music Notation OR MTC 125: Basic Music Theory	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	

Music Production Elective	3	C
Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Digital Media courses include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options.
- Build your skills.

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	
History/Theory Course	3	C	
MUS OR MUP OR MUE OR MTC Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course	3	C	
Upper Division Digital Culture Studies Course OR Related Digital Culture Course	3	C	
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR AME 484: Internship	3		
Term hours subtotal:	15		

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

Term 6 78 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course	3	C	
MTC 436: Electronic Studio Techniques I OR MTC 437: Electronic Studio Techniques II OR MUE 441: Psychology of Music OR MUP 319: Advanced Audio Engineering in the Arts	2-3	C	
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14-15		

- If you take MTC 436, MTC 437, or MUP 319 (2 credits each) in this term, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in Term 8.
- Explore an internship.

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	
MUS 354: Popular Music OR MUS 362: Rap Music and Hip Hop Culture (HU & C)	3	C	
Upper Division Digital Culture Studies Course	3	C	
Upper Division Related Digital Culture Course	3	C	

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.

Elective	3	
Term hours subtotal:	15	

- Any MUS 354 topic can be used to fulfill the concentration requirement.
- Gather professional references.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Culture Studies Course	3	C	
Upper Division Media Engineering Course	3	C	
MUS OR MUP OR MUE OR MTC Upper Division Elective	4-3	C	
Term hours subtotal:	13-12		

- If you took MTC 436, MTC 437, or MUP 319 in Term 6, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in this term.

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Related Digital Culture Course List
ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Music Production Elective Course List
MUS 294: Producing Hip Hop and Dance Music I
MUS 294: Rock Band
MUS 294: Song Production with Garage Band
MUS 294: Songwriting

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives

History/Theory Course List
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
APH 300: World Architecture I/Western Cultures (HU & H & G)
APH 313: History of Architecture I ((L or HU) & G & H)
APH 314: History of Architecture II ((L or HU) & G & H)
ARA 202: Understanding Photographs
ARS 102: Art from Renaissance to Modernism (HU & H)
ARS 345: Art and Television

- AME 330: Digital-Physical Systems
- AME 333: Improvising Cyborgs
- AME 360: Designing Mixed-Reality Experiences
- AME 394: Computational Photography
- AME 394: Special Topics
- AME 410: Interactive Materials
- AME 411: Advanced Interactive Sound
- AME 430: Mac Development for Media Arts
- AME 435: Mobile Development
- AME 444: Media Installations
- AME 470: Programming for Social and Interactive Media
- AME 494: Animating Virtual Worlds
- AME 494: Special Topics
- ART 116: Introduction to Digital Media
- ART 218: 3D Tools
- ART 378: Digital Textiles
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- FSH 394: Fashion Design & Wearable Technology
- MDC 211: Introduction to Digital Sound
- MDC 311: Composing and Performing for Hybrid Ensembles
- MDC 411: Advanced Interactive Sound
- ARS 394: Anime
- ARS 438: Art of the 20th Century I (HU & H)
- ARS 439: Art of the 20th Century II (HU & H)
- DCE 300: Dancing Histories (HU)
- DSC 101: Design Awareness (HU & G)
- FMP 294: History of Film & Television Production
- FMP 403: Independent Film (HU)
- FMP 405: Film and Television: Pioneers, Practices and Innovations
- GRA 111: Graphic Design History I (HU)
- GRA 112: Graphic Design History II
- IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
- IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
- IND 316: 20th-Century Design I (HU & H)
- IND 317: 20th-Century Design II (HU & H)
- INT 111: Interior Design Issues and Theories (HU)
- INT 310: History of Interior Design I (HU & H)
- INT 311: History of Interior Design II (HU & H)
- LAP 311: History of Landscape Architecture (HU & H)
- LAP 312: 20th-Century Landscape Architecture (HU)
- MUS 347: Jazz in America (HU & C)
- MUS 354: Special Topics
- MUS 356: Broadway and the American Musical (HU)
- MUS 362: Rap Music and Hip Hop Culture (HU & C)
- STS 303: History of Science and Technology (H)
- THE 320: History of the Theatre I (HU & H)
- THE 322: Theatre History and Culture (HU & H)

- ART 116: Introduction to Digital Media
- ART 206: Digital Photography I
- ART 217: Introduction to Computer Animation
- ART 218: 3D Tools
- ART 308: 2D Digital Animation
- ART 312: Illustration
- ART 346: 3-D Computer Imaging and Animation (CS)
- ART 348: Animation Motion Studies
- ART 394: Digital Photography for Non-Majors
- ART 424: Stop Motion Animation
- ART 438: Moving and Interactive Systems in Sculpture
- ART 440: Experimental Video Art
- ART 444: Documentary Video Art
- ART 494: Visual Prototyping
- CIS 300: Web Design and Development
- CPI 111: Game Development I (CS)
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- EDT 440: Creating and Marketing Mobile Apps
- FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
- FMP 225: Introduction to Visual Effects
- FMP 240: Introduction to Animation for Film
- FMP 255: Media Authorship (CS)
- FMP 315: Sound Design for Film and Media I
- GIT 135: Graphic Communications
- GIT 215: Introduction to Web Authoring
- GIT 230: Digital Illustration in Publishing
- GRA 294: Illustrator
- GRA 294: InDesign
- GRA 294: Photoshop
- IAP 103: Foundations I: Interdisciplinary Art Practice
- IAP 104: Foundations I: Fundamentals of Sound Art
- IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 367: Motion Graphics and Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Culture (Theatre), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCTBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 111: Introduction to Digital Culture (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. • Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.
AME 101: ASU Digital Culture Experience	1	C	
Complete 2 courses: AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	• All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Students interested in costuming should take THP 214. All others should take THP 213. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	4	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: GPA First-Year Review			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 215: Design and Composition for Theatre and Film (HU)	3	C	
Digital Media Course OR Digital Culture Studies Course	3	C	

Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Natural Science - Quantitative (SQ) (PHY 101 recommended)	4	
Social-Behavioral Sciences (SB)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.
- Build your skills.

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	
History/Theory Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course	3	C	
Upper Division Digital Culture Studies Course OR Related Digital Culture Course	3	C	
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division Theatre Design Course I	3	C	
Elective OR AME 484: Internship	3		
Term hours subtotal:	15		

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Digital Culture Studies Course	3	C	
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Theatre Design Course II	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Students may take THP 301 with department consent; however, it will need to be taken three times to fulfill a Theatre Design Course II requirement.
- Explore an internship.

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 485: Digital Culture Capstone I	3	C	
Upper Division Digital Culture Studies Course	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media Course	3	C	
Upper Division Theatre Design Course I	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	• Students may take THP 301 with department consent; however, it will need to be taken three times to fulfill a Theatre Design Course II requirement.
Upper Division Digital Culture Studies Course	3	C	
Upper Division Media Engineering Course	3	C	
Upper Division Theatre Design Course II	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective
AME OR MDC Lower Division Elective

Media Engineering Course List
AME 410: Interactive Materials
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Musical Microcontrollers
AME 494: Programming for the Internet of Things
EEE 307: Signal Processing for Digital Culture
GIT 335: Computer Systems Technology

Related Digital Culture Course List
ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Upper Division Theatre Design I Course List
THP 330: Costume Design
THP 340: Scene Design
THP 345: Lighting Design
THP 350: Sound Design
THP 355: Media Design for Performance
THP 435: Technical Direction
THP 450: Theatre Organization and Management
THP 494: Art Direction

Upper Division Theatre Design II Course List
THP 301: Theatre Production
THP 335: Advanced Stagecraft
THP 431: Advanced Costume Construction
THP 442: Rendering for Design and Production
THP 344: Hand Drafting for the Live Entertainment
THP 448: AutoCAD for Live Entertainment
THP 494: Materials for the Stage
THP 494: Rigging for the Stage
THP 494: Structural and Mechanical Design for the Stage
THP 494: Vectorworks

Digital Culture Studies Course List
AME 210: Media Editing
AME 220: Programming for the Web
AME 240: Introduction to Physical Computing
AME 244: Introduction to Interactive Environments
AME 294: Circuit Bending
AME 294: Design Politics
AME 294: Soundscape Ecology
AME 294: Special Topics
AME 310: Media Literacies and Composition
AME 320: Motion Capture for Integrative Systems
AME 325: Technical Lives
AME 330: Digital-Physical Systems
AME 333: Improvising Cyborgs
AME 360: Designing Mixed-Reality Experiences

- AME 394: Computational Photography
- AME 394: Special Topics
- AME 410: Interactive Materials
- AME 411: Advanced Interactive Sound
- AME 430: Mac Development for Media Arts
- AME 435: Mobile Development
- AME 444: Media Installations
- AME 470: Programming for Social and Interactive Media
- AME 494: Animating Virtual Worlds
- AME 494: Special Topics
- ART 116: Introduction to Digital Media
- ART 218: 3D Tools
- ART 378: Digital Textiles
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- FSH 394: Fashion Design & Wearable Technology
- MDC 211: Introduction to Digital Sound
- MDC 311: Composing and Performing for Hybrid Ensembles
- MDC 411: Advanced Interactive Sound

Digital Media Course List

- ART 116: Introduction to Digital Media
- ART 206: Digital Photography I
- ART 217: Introduction to Computer Animation
- ART 218: 3D Tools
- ART 308: 2D Digital Animation
- ART 312: Illustration
- ART 346: 3-D Computer Imaging and Animation (CS)
- ART 348: Animation Motion Studies
- ART 394: Digital Photography for Non-Majors
- ART 424: Stop Motion Animation
- ART 438: Moving and Interactive Systems in Sculpture
- ART 440: Experimental Video Art
- ART 444: Documentary Video Art

History/Theory Course List

- ALA 100: Introduction to Environmental Design (HU & H & G)
- ALA 102: Landscapes and Sustainability (HU & G)
- APH 300: World Architecture I/Western Cultures (HU & H & G)
- APH 313: History of Architecture I ((L or HU) & G & H)
- APH 314: History of Architecture II ((L or HU) & G & H)
- ARA 202: Understanding Photographs
- ARS 102: Art from Renaissance to Modernism (HU & H)
- ARS 345: Art and Television
- ARS 394: Anime
- ARS 438: Art of the 20th Century I (HU & H)

- ART 494: Visual Prototyping
- CIS 300: Web Design and Development
- CPI 111: Game Development I (CS)
- DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
- EDT 440: Creating and Marketing Mobile Apps
- FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
- FMP 225: Introduction to Visual Effects
- FMP 240: Introduction to Animation for Film
- FMP 255: Media Authorship (CS)
- FMP 315: Sound Design for Film and Media I
- GIT 135: Graphic Communications
- GIT 215: Introduction to Web Authoring
- GIT 230: Digital Illustration in Publishing
- GRA 294: Illustrator
- GRA 294: InDesign
- GRA 294: Photoshop
- IAP 103: Foundations I: Interdisciplinary Art Practice
- IAP 104: Foundations I: Fundamentals of Sound Art
- IAP 322: Multitrack Digital Recording
- IAP 361: Digital Editing and Media Literacy (CS)
- IAP 364: Documentaries
- IAP 367: Motion Graphics and Animation
- IAP 462: Games and Play
- MDC 311: Composing and Performing for Hybrid Ensembles
- ARS 439: Art of the 20th Century II (HU & H)
- DCE 300: Dancing Histories (HU)
- DSC 101: Design Awareness (HU & G)
- FMP 294: History of Film & Television Production
- FMP 403: Independent Film (HU)
- FMP 405: Film and Television: Pioneers, Practices and Innovations
- GRA 111: Graphic Design History I (HU)
- GRA 112: Graphic Design History II
- IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
- IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
- IND 316: 20th-Century Design I (HU & H)
- IND 317: 20th-Century Design II (HU & H)
- INT 111: Interior Design Issues and Theories (HU)
- INT 310: History of Interior Design I (HU & H)
- INT 311: History of Interior Design II (HU & H)
- LAP 311: History of Landscape Architecture (HU & H)
- LAP 312: 20th-Century Landscape Architecture (HU)
- MUS 347: Jazz in America (HU & C)
- MUS 354: Special Topics
- MUS 356: Broadway and the American Musical (HU)
- MUS 362: Rap Music and Hip Hop Culture (HU & C)
- STS 303: History of Science and Technology (H)
- THE 320: History of the Theatre I (HU & H)
- THE 322: Theatre History and Culture (HU & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Environmental Design, BS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIEDSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DSC 100: ASU Design Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. DSC 100 fulfills this requirement. • Join a student club or professional organization.
Design Culture and Literacy I	3	C	
Design Fundamentals and Principles I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Design Culture and Literacy II	3	C	• Please work with your academic advisor for Social-Behavioral Sciences (SB) General Studies course options related to your focus area. • Students choose one Focus Area from below and complete seven courses (21 credit hours) from that course list.
Design Fundamentals and Principles II	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Main Focus Area Elective	3	C	
Social-Behavioral Sciences (SB) (PSY 101 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EDS 223: Design Thinking	3	C	• Develop your professional online presence. • The following courses are recommended to fulfill the Natural Science - Quantitative (SQ) requirement: BIO 100, OR PHY 101, OR PHY 111 and 113, OR GPH 111 and 112.
SOS 100: Introduction to Sustainability (G)	3	C	
Computer/Statistics/Quantitative Applications (CS) (INT 121 OR CIS 105 recommended)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Term hours subtotal:	16

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EDS 200: Design Literacy and Communication	3	C	
Main Focus Area Elective	3	C	
Literacy and Critical Inquiry (L) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRA 440: Finding Purpose	3	C	• Develop your skills.
Upper Division Design History Elective	3	C	
Complete 2 courses: Upper Division Main Focus Area Elective	6	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L)	3		• Complete an in person or virtual practice interview
Upper Division Design Entrepreneurship	3	C	
Upper Division Design History Elective	3	C	
Upper Division Main Focus Area Elective	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDS 301: Sustainable Community Design and Practices (HU)	3	C	• Gather professional references
EDS 401: Environmental Design Synthesis I	3	C	
Upper Division Main Focus Area Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDS 402: Environmental Design Synthesis II	3	C	
Upper Division Main Focus Area Elective	3	C	
Upper Division Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	12		

- Students choose one Focus Area and complete seven courses (21 credit hours) from that course list.

Hide Course List(s)/Track Group(s)

Design Culture and Literacy I Courses (3 credit hours)
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
DSC 101: Design Awareness (HU & G)
GRA 101: Designing Life
GRA 111: Graphic Design History I (HU)
GRA 112: Graphic Design History II
INT 111: Interior Design Issues and Theories (HU)

Design Culture and Literacy II Courses (3 credit hours)
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
COM 100: Introduction to Human Communication (SB)
COM 110: Elements of Interpersonal Communication (SB)
CON 101: Construction and Culture: a Built Environment (HU & H)
DSC 101: Design Awareness (HU & G)
GRA 101: Designing Life
GRA 111: Graphic Design History I (HU)
GRA 112: Graphic Design History II
INT 111: Interior Design Issues and Theories (HU)
INT 131: Design and Human Behavior (SB)
PHI 103: Principles of Sound Reasoning (L or HU)
PHI 105: Intro to Ethics (HU)

Design Entrepreneurship (3 credit hours)
DSC 394: Design Entrepreneurship & Society
DSC 494: Practice Management

Design Fundamentals and Principles I Courses (3 credit hours)
ALA 121: Design Fundamentals I
GRA 121: Principles for Graphic Design I
IND 120: Drawing for Industrial Design
INT 120: Design Fundamentals I
INT 121: Introduction to Computer Modeling for Interior Design (CS)

Design Fundamentals and Principles II Courses (3-4 credit hours)
ALA 122: Design Fundamentals II AND ALA 124: Design Fundamentals II Lecture
GRA 122: Principles for Graphic Design II
GRA 225: Communication/Interaction Design Theory
GRA 294: Dynamic Visual Representation
IND 121: Principles for Industrial Design I AND IND 122: Principles for Industrial Design II
INT 122: Principles of Design AND INT 124: Design Fundamentals II Lecture
INT 123: Introduction to Computer-Aided Design and Building Information Modeling

Design History Elective (6 credit hours)
APH 300: World Architecture I/Western Cultures (HU & H & G) or APH 313: History of Architecture I ((L or HU) & G & H)
APH 314: History of Architecture II ((L or HU) & G & H)
APH 405: Contemporary Architecture and Urbanism 1970 to the Present (HU & H)
APH 414: Great Cities ((L or HU) & H)
APH 461: Charles and Ray Eames (HU)
APH 494: The Image of Rome
IND 316: 20th-Century Design I (HU & H)
IND 317: 20th-Century Design II (HU & H)
INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)
INT 415: Latin American Design
INT 494: Contemporary Design Issues in Europe
INT 494: Design and Context
LAP 311: History of Landscape Architecture (HU & H)
LAP 312: 20th-Century Landscape Architecture (HU)
LAP 485: International Field Studies (G)

Design Management, Innovation and Strategy Focus Area
ACC 382: Accounting and Financial Analysis
ARA 396: Professional Practices for Design and the Arts
COM 100: Introduction to Human Communication (SB)
COM 110: Elements of Interpersonal Communication (SB)
COM 225: Public Speaking (L)
COM 230: Small Group Communication (SB)
COM 250: Communication and the Workplace (SB)
COM 259: Communication in Business and the Professions
COM 263: Elements of Intercultural Communication (SB & C & G)
COM 312: Communication, Conflict, and Negotiation
CON 294: Deductive Logic, Leadership/Management Techniques
CON 494: Facilities Management Operations and Maintenance
DSC 494: Economics of Building Design
DSC 494: Practice Management
ECN 211: Macroeconomic Principles (SB)
ECN 212: Microeconomic Principles (SB)
ECN 382: Managerial Economics
EDS 484: Internship

Design, Environment and Sustainability Focus Area
ATE 361: Architectural Technology I
ATE 362: Architectural Technology II
ATE 452: Architectural Technology III
CON 294: Deductive Logic, Leadership/Management Techniques
DSC 494: Economics of Building Design
EDS 484: Internship
GRA 401: Creative Environment
IND 242: Materials and Design
IND 344: Human Factors in Design
INT 341: Interior Codes: Public Welfare and Safety
INT 351: Ambient Environment
INT 471: Facilities Management
LAP 251: Plant Materials for Sustainable Landscapes
LAP 341: Landscape Construction I
LAP 342: Landscape Construction II
PHI 103: Principles of Sound Reasoning (L or HU)
PHI 105: Intro to Ethics (HU)
PHI 360: Business and Professional Ethics (HU)
PUP 301: Introduction to Urban Planning (L)
PUP 363: History of Planning
PUP 420: Theory of Urban Design (HU)

ENT 290: Entrepreneurship: Opportunity to Impact

FIN 380: Personal Financial Management

GRA 345: Design Rhetoric (L)

GRA 401: Creative Environment

HDA 210: Creativity and Innovation in Design and the Arts

HDA 252: Foundations Arts and Design Entrepreneurship

HDA 420: Design and the Arts Business Administration

IND 242: Materials and Design

IND 344: Human Factors in Design

IND 354: Principles of Product Design

INT 471: Facilities Management

INT 472: Professional Practice for Interior Design

LES 380: Consumer Perspective of Business Law

MGT 380: Management and Strategy for Nonmajors

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

MKT 395: Essentials of Advertising and Marketing Communication

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

PHI 360: Business and Professional Ethics (HU)

SOC 324: Sociology of Work and Organizations (SB & H)

THP 452: Arts Entrepreneurship Seminar

TWC 301: Fundamentals of Writing for Digital Media (L)

TWC 347: Written Communication for Managers (L)

SOS 111: Sustainable Cities ((HU or SB) & G)

SOS 300: Advanced Concepts and Integrated Approaches in Sustainability

SOS 320: Society and Sustainability (L or SB)

SOS 323: Sustainable Urban Dynamics

SOS 324: Sustainable Energy Technology and Systems

SOS 325: The Economics of Sustainability

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Fashion - Fashion Business Management, BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus, Tempe campus
HIFSHBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Join a student club or professional organization.
ART 110: Drawing as Seeing and Thinking (HU)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU) OR FSH 201: Textiles Survey	3	C	
FSH 175: Merchandising Essentials	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU) OR FSH 201: Textiles Survey	3	C	
FSH 202: Fashion Construction	3	C	
INT 121: Introduction to Computer Modeling for Interior Design (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSH 203: Fashion Illustration I	3	C	
FSH 208: Fashion Technology I	3	C	
FSH 275: Merchandising Applications	3	C	
ARS course (HU) (ARS 100 recommended)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSH 204: Social Aspects of Fashion (L or HU or SB)	3	C	• Build your professional connections -- join the ASU Mentor Network
FSH 206: Fashion Design I	3	C	
Upper Division Fashion Business Management	3	C	
Fashion Business Management Related Electives	3	C	
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 300: Global Fashion Industry (G)	3	C	
Complete 2 courses: Upper Division Fashion Business Management	6	C	
Upper Division Humanities, Arts and Design (HU) AND History of Fashion Course or Fashion History Related Course	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 78 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 375: Branding for Fashion Professionals	3	C	• Create a first draft resume.
Complete 2 courses: Upper Division Fashion Business Management	6	C	
Upper Division Fashion Professional Practices	1	C	
History of Fashion Course OR Fashion History Related Course	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 94 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 397: Fashion Capstone Development	1	C	• Gather professional references. • Explore an internship; complete Internship Application Form to request course credit.
FSH 435: Contemporary Fashion (L or HU)	3	C	
FSH 484: Internship	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Term hours subtotal:	13		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 495: Fashion Capstone	3	C	• Research employment opportunities.
Fashion Business Management Related Electives	3	C	
Complete 2 courses: Upper Division Elective	7		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Fashion Professional Practices
ARA 396: Professional Practices for Design and the Arts
FSH 394: Professional Practices for Fashion

History of Fashion Course
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion

Fashion History Related Course
ARS 394: 20th Century American & European Jewelry Design
FSH 331: 18th- and 19th-Century European Jewelry Design
FSH 394: Fashion and Dress in Art, Ren. to 20th Century
FSH 494: Global Textiles and Fashion
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion

Upper Division Fashion Business Management
FSH 385: Fashion Visual Merchandising
FSH 394: Fashion Buying Strategies
FSH 394: Fashion Entrepreneurship
FSH 394: Fashion Forecasting
FSH 394: Fashion Law & Compliance
FSH 394: Fashion Policy and Social Justice
FSH 394: Fashion Retail Management
FSH 394: Fashion Styling
FSH 394: PR for Fashion

Fashion Business Management Related Electives
ACC Elective
DSC 394: Design Entrepreneurship & Society
ECN Elective
ENG 301: Writing for the Professions (L)
ENT Elective
FIN Elective
FSH 385: Fashion Visual Merchandising
FSH 394: Fashion Buying Strategies
FSH 394: Fashion Entrepreneurship
FSH 394: Fashion Forecasting
FSH 394: Fashion Law & Compliance
FSH 394: Fashion Policy and Social Justice
FSH 394: Fashion Retail Management
FSH 394: Fashion Styling
FSH 394: PR for Fashion
HDA 252: Foundations Arts and Design Entrepreneurship
HDA 494: Business Writing for Artists & Designers
LES 380: Consumer Perspective of Business Law
MCO Elective
MGT Elective

MKT Elective
OGL Elective
STP Elective
THP 351: Arts Management
TWC 347: Written Communication for Managers (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Fashion - Fashion Design, BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus, Tempe campus
HIFSHBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Join a student club or professional organization.
ART 110: Drawing as Seeing and Thinking (HU)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU) OR FSH 201: Textiles Survey	3	C	
FSH 202: Fashion Construction	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU) OR FSH 201: Textiles Survey	3	C	
FSH 203: Fashion Illustration I	3	C	
INT 121: Introduction to Computer Modeling for Interior Design (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSH 206: Fashion Design I	3	C	• Students are recommended to complete FSH 394: Fashion Construction II for their Upper Division Fashion Design Focus course.
FSH 208: Fashion Technology I	3	C	
Upper Division Fashion Design Focus	3	C	
ARS course (HU) (ARS 100 recommended)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSH 204: Social Aspects of Fashion (L or HU or SB)	3	C	• Build your professional connections -- join the ASU Mentor Network
FSH 175: Merchandising Essentials OR FSH 280: Fashion Merchandising	3	C	
FSH 303: Fashion Illustration II	3	C	
FSH 306: Fashion Design II	3	C	
ART OR FSH Elective	3	C	
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 300: Global Fashion Industry (G)	3	C	
FSH 308: Fashion Technology II	3	C	
Fashion Business Management Related Elective	3	C	
Upper Division Humanities, Arts and Design (HU) AND History of Fashion Course or Fashion History Related Course	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 78 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 477: Fashion Collection Development	3	C	• Create a first draft resume.
FSH 375: Branding for Fashion Professionals	3	C	
Upper Division Fashion Professional Practices	1	C	
Fashion Design Focus	3	C	
History of Fashion OR Fashion History Related Course	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 94 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 495: Fashion Capstone	3	C	• Gather professional references. • Explore an internship; complete Internship Application Form to request course credit.
FSH 435: Contemporary Fashion (L or HU)	3	C	
FSH 484: Internship	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 495: Fashion Capstone	3	C	• Research employment opportunities.
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Fashion Professional Practices
ARA 396: Professional Practices for Design and the Arts
FSH 394: Professional Practices for Fashion

History of Fashion Course
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion

Fashion History Related Course
ARS 394: 20th Century American & European Jewelry Design
FSH 331: 18th- and 19th-Century European Jewelry Design
FSH 394: Fashion and Dress in Art, Ren. to 20th Century
FSH 494: Global Textiles and Fashion
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion

Fashion Design Focus
Required:
FSH 394: Fashion Construction II
Choose 1 additional course (3 credits):
FSH 394: Fashion Design & Wearable Technology
FSH 394: Materials and Techniques
FSH 406: Fashion Design III
FSH 412: Power Play
FSH 494: Fashion Construction III
FSH 494: Fashion Technology III

Fashion Business Management Related Elective
ACC Elective
DSC 394: Design Entrepreneurship & Society
ECN Elective
ENG 301: Writing for the Professions (L)
ENT Elective
FIN Elective
FSH 275: Merchandising Applications
FSH 280: Fashion Merchandising
FSH 385: Fashion Visual Merchandising
FSH 394: Fashion Buying Strategies
FSH 394: Fashion Entrepreneurship
FSH 394: Fashion Forecasting
FSH 394: Fashion Law & Compliance
FSH 394: Fashion Policy and Social Justice
FSH 394: Fashion Styling
FSH 394: PR for Fashion
HDA 252: Foundations Arts and Design Entrepreneurship
HDA 494: Business Writing for Artists & Designers
LES 380: Consumer Perspective of Business Law
MCO Elective

MGT Elective
MKT Elective
OGL Elective
STP Elective
THP 351: Arts Management
TWC 347: Written Communication for Managers (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Fashion - Fashion Studies, BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus, Tempe campus
HIFSHBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience	1	C	• ARA 101 ASU: The Art Experience is required of all first-year art majors only. • Join a student club or professional organization.
ART 110: Drawing as Seeing and Thinking (HU)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU) OR FSH 201: Textiles Survey	3	C	
INT 121: Introduction to Computer Modeling for Interior Design (CS)	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU) OR FSH 201: Textiles Survey	3	C	
FSH 175: Merchandising Essentials OR FSH 280: Fashion Merchandising	3	C	
FSH 202: Fashion Construction	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSH 203: Fashion Illustration I	3	C	
FSH 208: Fashion Technology I	3	C	
ARS course (HU) (ARS 100 recommended)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSH 204: Social Aspects of Fashion (L or HU or SB)	3	C	• Build your professional connections -- join the ASU Mentor Network
FSH 206: Fashion Design I	3	C	
Complete 2 courses: Fashion Related Studies Elective	6	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 300: Global Fashion Industry (G)	3	C	
Upper Division Fashion Related Studies Elective	3	C	
Fashion Business Management Related Elective	3	C	
Upper Division Humanities, Arts and Design (HU) AND History of Fashion Course or Fashion History Related Course	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 78 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 375: Branding for Fashion Professionals	3	C	• Create a first draft resume.
Upper Division Fashion Professional Practices	1	C	
Upper Division Fashion Related Studies Elective	3	C	
History of Fashion Course OR Fashion History Related Course	3	C	
FSH Upper Division Elective	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 94 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 397: Fashion Capstone Development	1	C	• Gather professional references. • Explore an internship; complete Internship Application Form to request course credit.
FSH 435: Contemporary Fashion (L or HU)	3	C	
FSH 484: Internship	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	13		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSH 495: Fashion Capstone	3	C	• Research employment opportunities.
Upper Division Fashion Related Studies Elective	3	C	
FSH Upper Division Elective	3	C	
Upper Division Elective	4		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Fashion Professional Practices
ARA 396: Professional Practices for Design and the Arts
FSH 394: Professional Practices for Fashion

History of Fashion Course
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion

Fashion History Related Course
ARS 394: 20th Century American & European Jewelry Design
FSH 331: 18th- and 19th-Century European Jewelry Design
FSH 394: Fashion and Dress in Art, Ren. to 20th Century
FSH 494: Global Textiles and Fashion
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion

Fashion Related Studies
AME Elective
ARA Elective
ARS Elective
ART Elective
CIS 300: Web Design and Development
EDS 200: Design Literacy and Communication
EDS 223: Design Thinking
FSH Elective
GRA 101: Designing Life
GRA 225: Communication/Interaction Design Theory
HDA 210: Creativity and Innovation in Design and the Arts
IND 494: Textile Design
MCO Elective
PRM Elective
Second Language (as relevant to the Fashion Industry):
ARB OR CHI OR FRE OR ITA OR KOR OR JPN OR POR OR RUS OR SPA Elective
SOS Elective
TDM Elective
THP 214: Introduction to Costuming

Fashion Business Management Related Elective
ACC Elective
DSC 394: Design Entrepreneurship & Society
ECN Elective
ENG 301: Writing for the Professions (L)
ENT Elective
FIN Elective
FSH 275: Merchandising Applications
FSH 280: Fashion Merchandising
FSH 385: Fashion Visual Merchandising
FSH 394: Fashion Buying Strategies
FSH 394: Fashion Entrepreneurship
FSH 394: Fashion Forecasting
FSH 394: Fashion Law & Compliance
FSH 394: Fashion Policy and Social Justice
FSH 394: Fashion Retail Management
FSH 394: Fashion Styling
FSH 394: PR for Fashion
HDA 252: Foundations Arts and Design Entrepreneurship
HDA 494: Business Writing for Artists & Designers
LES 380: Consumer Perspective of Business Law

THP 301: Costume Construction	MCO Elective
THP 330: Costume Design	MGT Elective
THP 331: Costume Construction	MKT Elective
THP 332: Makeup	OGL Elective
THP 394: Pattern Drafting for Theatre	STP Elective
THP 431: Advanced Costume Construction	THP 351: Arts Management
THP 494: Costume Crafts	TWC 347: Written Communication for Managers (L)
THP 494: Costume Design II	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Film (Filmmaking Practices), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus, ASU at Los Angeles
FAFPRBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMP 180: Principles of Production Technology OR THF 160: Introduction to Storytelling (HU)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Film, Dance and Theatre fulfills this requirement for theatre and film majors. • Join a student club or professional organization.
THF 125: Orientation to Film, Dance and Theatre	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete 2 courses: FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film and Media Studies (HU)	6	C	
Mathematics (MA)	3		
Maintain 2.50 GPA in Theatre and Film courses.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMP 180: Principles of Production Technology OR THF 160: Introduction to Storytelling (HU)	3	C	
THF 126: Professional Development: Communication and Collaboration.	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) AND Global Awareness (G) (COM 263 recommended)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Theatre and Film courses.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMP 280: Introduction to Film and Media Production	3	C	• Establish career interests.
FMS 200: Film and Media History ((L or HU) & H)	3	C	
Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended)	3		

Natural Science - Quantitative (SQ)	4	
Elective	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 2.50 GPA in Theatre and Film courses.		
Term hours subtotal:	16	

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMP 201: Film: The Creative Process I (HU)	3	C	• Develop soft skills.
FMP 261: Principles of Screenwriting	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Film Elective	3	C	
Complete FMP 180 AND FMP 280 AND THF 160 course(s).			
Complete FMP 250 AND FMS 100 AND FMS 200 course(s).			
Maintain 2.50 GPA in Theatre and Film courses.			
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMP 300: Film Production: Filmmaking Practices OR Upper Division Screenwriting Course	3	C	• Upper Division Related Study Elective: Course cannot be from FMP, THE or THP subjects; must have "film" in the title. • Begin aligning your degree with your career goals.
THF 101: Acting Introduction OR THP 194: Understanding Acting	3	C	
Upper Division Related Study Elective	3	C	
Film Elective	3	C	
Upper Division Elective	3		
Maintain 2.50 GPA in Theatre and Film courses.			
Term hours subtotal:	15		

Term 6 77 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMP 380: Film Production Crew OR FMP 484: Internship	1	C	• Students must take two credit hours of either FMP 380 Film Production Crew or FMP 484 Internship by the end of Term 8 to meet this requirement.
THF 397: Professional Development Seminar	1	C	
FMP 403: Independent Film (HU)	3	C	
Upper Division Producing Course	3	C	
Upper Division Related Study Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in Theatre and Film courses.			
Complete THF 101 OR THP 194: Understanding Acting course(s).			
Term hours subtotal:	14		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMP 380: Film Production Crew OR FMP 484: Internship	1	C	

★ THF 497: Senior Project	2	C
Complete 2 courses: Upper Division Film Elective	6	C
Screenwriting Course OR Film/Media Technology Course	3	C
Upper Division Elective	3	
Maintain 2.50 GPA in Theatre and Film courses.		
Term hours subtotal:	15	

- Students must take two credit hours of either FMP 380 Film Production Crew or FMP 484 Internship to satisfy the requirement.
- Start networking.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ THF 497: Senior Project	2	C	
Upper Division Film Elective	3	C	
Upper Division Related Study Elective	3	C	
Upper Division Elective	2		
Elective	4		
Maintain 2.50 GPA in Theatre and Film courses.			
Term hours subtotal:	14		

- Upper Division Related Study Elective: Course cannot be from FMP, THE or THP subjects; must have "film" in the title.
- Transfer students must complete one additional hour of elective credit in Term 8 to reach the university required 120 hours to graduate, because THF 125: Orientation to Film, Dance and Theatre (Term 1) is not required for transfer students.

Hide Course List(s)/Track Group(s)

Screenwriting Courses
FMP 361: Intermediate Screenwriting
FMP 365: Developing a Series
FMP 461: Advanced Screenwriters Workshop
FMP 465: Series Writers Workshop
FMP 475: Producing Series
FMS 302: U.S. Media Industries
FMS 309: Intermediate Screenwriting
FMS 340: Contemporary American Film and Popular Culture (HU)
FMS 394: Screenwriting for Television Part 1
FMS 409: Advanced Screenwriting
FMS 409: Writing the Webisode
FMS 411: Screenwriting Adaptation Studies
FMS 412: Story Analysis for Film and Television
FMP 494: Dramatic Writers Workshop
FMS 494: Film Adaptation
FMS 494: Screenwriting for Television Part 2
THP 394: Writing for Horror, SciFi, and Fantasy

Producing Courses
FMP 300: Film Production: Filmmaking Practices
FMP 318: Directing for Film and Media I
FMP 330: Professional and Technical Writing for Film/TV Industry
FMP 335: Careers in Film and Media Industry
FMP 370: Producing for Film and Media
FMP 411: Film Spark Engagement: Welcome to Hollywood
FMP 417: Business and Legal Practices in Entertainment
FMP 418: Directing for Film and Media II
FMP 494: Video Production Lab
HDA 252: Foundations Arts and Design Entrepreneurship
THP 351: Arts Management

Film/Media Technology Courses
DCE 240: Media for Dance (CS)
DCE 438: Dance Theatre Performance/Production
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
FMP 220: Film and Media Post-Production I
FMP 225: Introduction to Visual Effects
FMP 240: Introduction to Animation for Film
FMP 280: Introduction to Film and Media Production
FMP 320: Film and Media Post-Production II
FMP 325: Guerilla VFX
FMP 345: Cinematography I
FMP 494: Video Production Lab
THP 213: Introduction to Technical Theatre
THP 214: Introduction to Costuming
THP 330: Costume Design
THP 340: Scene Design
THP 344: Hand Drafting for the Live Entertainment

THP 345: Lighting Design
THP 350: Sound Design
THP 355: Media Design for Performance
THP 442: Rendering for Design and Production
THP 445: Advanced Lighting Design
THP 455: Advanced Media Design
THP 494: Art Direction
THP 494: Properties for the Stage

Film Electives
FMP 294: Special Topics
FMP 394: Special Topics
FMP 404: World Cinema (G)
FMP 405: Film and Television: Pioneers, Practices and Innovations
FMP 494: Special Topics
THE 406: American Multicultural Film (HU & C)
THE 421: Shakespeare: Stage and Film (L or HU)
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion
THP 452: Arts Entrepreneurship Seminar
THP 455: Advanced Media Design
FMP/THE/THP subjects with "film" in course title

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Film and Media Production, BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIFMPBFA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 125: Orientation to Film, Dance and Theatre	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students. THF 125: Orientation to Film, Dance and Theatre fulfills this requirement for film majors. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FMP 180: Principles of Production Technology	3	C	
FMS 100: Introduction to Film and Media Studies (HU)	3	C	
THF 160: Introduction to Storytelling (HU)	3	C	
Mathematics (MA)	3		
Maintain 3.00 GPA in Theatre and Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 126: Professional Development: Communication and Collaboration	2	C	• Select a Creative Arts Course from the list at the bottom of the major map.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FMP 250: Sex and Violence in Film and TV: Ethics Survey	3	C	
Creative Arts Course	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (COM 263 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Theatre and Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMP 210: Principles of Filmmaking	3	C	• Establish career interests.
FMP 261: Principles of Screenwriting OR FMS 209: Screenwriting Fundamentals	3	C	
FMS 200: Film and Media History ((L or HU) & H)	3	C	

Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended)	3	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 3.00 GPA in Theatre and Film courses.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMP 280: Introduction to Film and Media Production	3	C	• Complete second year review in FMP 285.
FMP 285: Portfolio Preparation and Review I	1	C	
Creative Arts Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 3.00 GPA in Theatre and Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMP 300: Short Film Production	3	C	• Begin aligning your degree with your career goals.
FMP 360: The Filmmaker's Voice	3	C	
FMP 361: Intermediate Screenwriting OR Upper Division Producing Course	3	C	
THF 101: Acting Introduction OR THP 194: Understanding Acting	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 3.00 GPA in Theatre and Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMP 335: Careers in Film and Media Industry	3	C	• FMS Upper Division Elective is any upper-division course with the FMS subject.
FMP 370: Producing for Film and Media OR Upper Division Screenwriting Course	3	C	
FMP 385: Portfolio Project Development OR FMP 398: Capstone Development	2	C	
Upper Division Film Elective	3		
FMS Upper Division Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Theatre and Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 7 89 - 104 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ Upper Division Portfolio Project Course	3	C	• Start networking.
FMP 403: Independent Film (HU)	3	C	
FMP 417: Business and Legal Practices in Entertainment OR Upper Division Screenwriting Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Maintain 3.00 GPA in Theatre and Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Portfolio Project Course	3	C	• Transfer students will complete one additional hour of elective credit in Term 8 to reach the university required minimum of 120 hours, because THF 125 in Term 1 is not required for transfer students.
FMP 485: Portfolio Preparation and Review II	1	C	
Upper Division Producing Course (FMP 411 Recommended)	3	C	
FMP OR FMS Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Maintain 3.00 GPA in Theatre and Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Hide Course List(s)/Track Group(s)

Creative Arts Courses
ART 116: Introduction to Digital Media
ART 123: Introduction to Photography for Nonmajors (HU)
DCE 202: Dance in U.S. Popular Culture (HU & C)
DCE 240: Media for Dance (CS)
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
FMP 225: Introduction to Visual Effects
FMP 240: Introduction to Animation for Film
FMS 110: Introduction to New Media (HU)
THF 215: Design and Composition for Theatre and Film (HU)
THP 213: Introduction to Technical Theatre
THP 214: Introduction to Costuming
THP 218: Directing I: Introduction to Directing
THP 260: Introduction to Dramatic Writing

Film Electives
ARS 445: History of Animation
FMP 294: Special Topics
FMP 350: Directing for Documentary Media
FMP 394: Special Topics
FMP 404: World Cinema (G)
FMP 405: Film and Television: Pioneers, Practices and Innovations
FMP 494: Special Topics
IAP 364: Documentaries
THE 406: American Multicultural Film (HU & C)
THE 421: Shakespeare: Stage and Film (L or HU)
THE 430: History of Fashion I (HU)
THE 431: History of Fashion II: 20th-Century Fashion

Portfolio Project Courses
FMP 400: Advanced Short Film Production
FMP 461: Advanced Screenwriters Workshop
FMP 465: Series Writers Workshop
FMP 475: Producing Series
FMP 480: Film Lab I: Production
FMP 481: Film Lab II: Post-Production
THF 497: Senior Project

THP 340: Scene Design

Producing Courses
FMP 318: Directing for Film and Media I
FMP 330: Professional and Technical Writing for Film/TV Industry
FMP 350: Directing for Documentary Media
FMP 355: Transborder Digital Media Making
FMP 370: Producing for Film and Media
FMP 411: Film Spark Engagement: Welcome to Hollywood
FMP 417: Business and Legal Practices in Entertainment
FMP 475: Producing Series
HDA 252: Foundations Arts and Design Entrepreneurship
IAP 364: Documentaries
THP 351: Arts Management

Screenwriting Courses
FMP 361: Intermediate Screenwriting
FMP 365: Developing a Series
FMP 461: Advanced Screenwriters Workshop
FMP 465: Series Writers Workshop
FMP 475: Producing Series
FMS 309: Intermediate Screenwriting
FMS 409: Advanced Screenwriting
THP 394: Writing for Horror, SciFi, and Fantasy

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Graphic Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARGRABSD

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DSC 100: ASU Design Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors complete DSC 100 to fulfill this requirement. • Join a student club or professional organization.
GRA 101: Designing Life	3	C	
GRA 111: Graphic Design History I (HU)	3	C	
GRA 121: Principles for Graphic Design I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 112: Graphic Design History II	3	C	• All graphic design/visual communication design students are expected to have at least a 3.00 ASU cumulative GPA and a C or above in their first five core classes (GRA 101, 111, 121, 112, and 122) to be eligible to continue in the degree. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the process, visit this website.
GRA 122: Principles for Graphic Design II	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 220: Design Drawing I	3	C	• Develop your professional online presence.
GRA 221: Letterform	3	C	
GRA 222: Visual Communication I	3	C	
GRA 225: Communication/Interaction Design Theory	3	C	
Literacy and Critical Inquiry (L)	3		

Complete Mathematics (MA) requirement.		
Milestone: Evaluation required.		
Complete First-Year Composition requirement.		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 223: Typography	3	C	• Complete an in person or virtual practice interview
GRA 224: Visual Communication II	3	C	
Computer/Statistics/Quantitative Applications (CS) (INT 121 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Elective	2		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRA 321: Technology for Design I	3	C	• Develop your skills
GRA 361: Visual Communication III	5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 76 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRA 322: Technology for Design II	3	C	
GRA 362: Visual Communication IV	5	C	
ARS 300: Introduction to Art (HU)	3	C	
GRA 345: Design Rhetoric (L)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Summer 6 90 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRA 484: Internship	2	Y	
Term hours subtotal:	2		

Term 7 92 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRA 421: Exhibit Design	3	C	• Gather professional references
GRA 422: Motion Graphics and Interaction Design	3	C	
GRA 461: Visual Communication V	5	C	
Cultural Diversity in the U.S. (C)	3		

Minimum 3.00 GPA ASU Cumulative.			
	Term hours subtotal:	14	

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 423: Advanced Interaction Design	3	C	
★ GRA 424: Advanced Media	3	C	
★ GRA 462: Visual Communication VI	5	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
	Term hours subtotal:	14	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Graphic Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: ASU Local
ARGRABSD

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 101: Designing Life	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Join a student club or professional organization.
HDA 101: ASU & Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 111: Graphic Design History I (HU)	3	C	• View ASU Online first-year student registration information here.
GRA 121: Principles for Graphic Design I	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 112: Graphic Design History II	3	C	• All Graphic Design students are expected to have at least a 3.00 ASU cumulative GPA and a C or above in their first five core classes (GRA 101, 111, 121, 112, and 122) to be eligible to continue in the degree. Once grades have posted, you will be informed if you will be able to continue directly into your next semester of Graphic Design courses or if other plans must be made. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the process, visit this website.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 122: Principles for Graphic Design II	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 220: Design Drawing I	3	C	• Develop your professional online presence.
GRA 221: Letterform	3	C	
Term hours subtotal:	6		

Term 3 - B 31 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 222: Visual Communication I	3	C	
GRA 225: Communication/Interaction Design Theory	3	C	
Complete Mathematics (MA) requirement.			
Milestone: Evaluation required.			
Complete First-Year Composition requirement.			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 4 - A 37 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 223: Typography	3	C	• Complete an in person or virtual practice interview.
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Term 4 - B 43 - 50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRA 224: Visual Communication II	3	C	
Natural Science - Quantitative (SQ)	4		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 50 - 58 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRA 321: Technology for Design I	3	C	• GRA 361 is a Session C course (15 weeks long). • Develop your skills.
GRA 361: Visual Communication III	5	C	
Term hours subtotal:	8		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 6 - A 64 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRA 322: Technology for Design II	3	C	• GRA 362 is a Session C course (15 weeks long).
GRA 362: Visual Communication IV	5	C	
Term hours subtotal:	8		

Term 6 - B 72 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 484: Internship	2	Y	• GRA 484 is usually taken in the summer between Terms 6 and 7.
ARS 300: Introduction to Art (HU)	3	C	
GRA 345: Design Rhetoric (L)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	8		

Term 7 - A 80 - 88 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 421: Exhibit Design	3	C	• GRA 461 is a Session C course (15 weeks long). • Gather professional references.
★ GRA 461: Visual Communication V	5	C	
Term hours subtotal:	8		

Term 7 - B 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 422: Motion Graphics and Interaction Design	3	C	
Cultural Diversity in the U.S. (C)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 94 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 423: Advanced Interaction Design	3	C	• GRA 462 is a Session C course (15 weeks long).
★ GRA 462: Visual Communication VI	5	C	
Term hours subtotal:	8		

Term 8 - B 102 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 424: Advanced Media	3	C	
Elective	2		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	5		

Term 9 - A 107 - 114 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Industrial Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARINDBSD

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DSC 100: ASU Design Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization.
DSC 101: Design Awareness (HU & G)	3	C	
IND 120: Drawing for Industrial Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IND 121: Principles for Industrial Design I	3	C	• Industrial Design majors must successfully pass a degree milestone at the end of their first year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website.
IND 122: Principles for Industrial Design II	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DSC 236: Introduction to Computer Modeling (CS)	3	C	• Develop your professional online presence
IND 227: Visual Methods for Problem Solving	3	C	
IND 242: Materials and Design	3	C	
IND 260: Industrial Design I	3	C	
Elective	3		

Complete Mathematics (MA) requirement.		
Milestone: Evaluation required.		
Complete First-Year Composition requirement.		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IND 228: Imaging and Visualization	3	C	• Complete an in person or virtual practice interview
IND 243: Design for Ecology and Social Equity	3	C	
IND 261: Industrial Design II	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IND 327: Presentation Graphics	3	C	• Develop your skills
IND 360: Industrial Design III	5	C	
IND 316: 20th-Century Design I (HU & H)	3	C	
IND 344: Human Factors in Design	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 77 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IND 328: Graphics for Industrial Design	3	C	• Summer Internship: students complete an internship between Terms 6 and 7.
IND 361: Industrial Design IV	5	C	
IND 317: 20th-Century Design II (HU & H)	3	C	
IND 354: Principles of Product Design	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Summer 6 91 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IND 484: Internship	2	Y	
Term hours subtotal:	2		

Term 7 93 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IND 460: Design Project I	5	C	• Summer Internship: students complete the internship between Terms 6 and 7. • Gather professional references. • Students should see their advisor to receive approval to substitute a marketing course in place of MKT 395.
IND 470: Professional Practice for Industrial Design (L)	3	C	
MKT 395: Essentials of Advertising and Marketing Communication OR Upper Division Approved Marketing Course	3		
Elective	3		

Minimum 3.00 GPA ASU Cumulative.			
	Term hours subtotal:	14	

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IND 461: Design Project II	5	C	
ECN 212: Microeconomic Principles (SB)	3		
ENG 301: Writing for the Professions (L)	3		
Elective	2		
Minimum 3.00 GPA ASU Cumulative.			
	Term hours subtotal:	13	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Interior Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARINTBSD

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DSC 100: ASU Design Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization.
INT 111: Interior Design Issues and Theories (HU)	3	C	
INT 120: Design Fundamentals I	3	C	
INT 121: Introduction to Computer Modeling for Interior Design (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
INT 122: Principles of Design	3	C	• Interior Design majors are expected to have a minimum 3.00 ASU cumulative GPA (by the time spring semester grades are posted) and complete INT 111, INT 120, INT 121, INT 122, INT 123, INT 124, and INT 131 with a grade of "C" or better. For more information on degree milestones, visit this website.
INT 123: Introduction to Computer-Aided Design and Building Information Modeling	3	C	
INT 124: Design Fundamentals II Lecture	1	C	
INT 131: Design and Human Behavior (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
INT 223: Drafting for Interior Design	3	C	• Develop your professional online presence.
INT 261: Interior Design Studio I	3	C	
MSE 208: Patterns in Nature (SQ) OR PHS 208: Patterns in Nature (SQ) OR PHY 101: Introduction to Physics (SQ)	4	C	

Global Awareness (G)	3	
Literacy and Critical Inquiry (L)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 47 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
INT 253: Interior Materials, Finishes, and Specifications	3	C	• Complete an in person or virtual practice interview.
INT 262: Interior Design Studio II	3	C	
INT 341: Interior Codes: Public Welfare and Safety	2	C	
ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete MSE 208 OR PHS 208 OR PHY 101 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
INT 362: Interior Design Studio III	5	C	• Develop your skills.
INT 310: History of Interior Design I (HU & H)	3	C	
INT 351: Ambient Environment	3	C	
INT 352: Construction Methods in Interior Design	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 75 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
INT 363: Interior Design Studio IV	5	C	
INT 311: History of Interior Design II (HU & H)	3	C	
INT 354: Construction Documents	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Summer 6 89 - 92 Credit Hours	Hours	Minimum Grade	Notes
INT 484: Internship	3	Y	• It is recommended students complete INT 484 Internship in the summer semester (summer 6), however, students can complete this course during Term 7 (fall) or term 8 (spring).
Term hours subtotal:	3		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
INT 464: Interior Design Studio V	5	C	

INT 415: Latin American Design	3	C	• It is recommended students complete INT 484 Internship in the summer semester (summer 6), however, students can complete this course during Term 7 (fall) or Term 8 (spring). • Gather professional references.
INT 471: Facilities Management	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
INT 465: Interior Design Studio VI	5	C	• It is recommended students complete INT 484 Internship in the summer term (summer 6), however, students can complete this course during Term 7 (fall) or Term 8 (spring).
INT 472: Professional Practice for Interior Design	2	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  • Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Landscape Architecture, BSLA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARPLABSLA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization.
ALA 121: Design Fundamentals I	3	C	
DSC 100: ASU Design Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Social-Behavioral Sciences (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G)	3	C	• Students must submit an Intent to Continue form toward the end of Term 2. This form is available here.
ALA 122: Design Fundamentals II	3	C	
ALA 124: Design Fundamentals II Lecture	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAP 231: Introduction to Digital Applications for Designers (CS)	3	C	• Develop your professional online presence.
LDE 261: Landscape Architecture Design Fundamentals III	4	C	
LAP 312: 20th-Century Landscape Architecture (HU)	3	C	

GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	14	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAP 251: Plant Materials for Sustainable Landscapes	3	C	• Complete an in person or virtual practice interview.
LDE 262: Landscape Architecture Design Fundamentals IV	4	C	
LAP 311: History of Landscape Architecture (HU & H)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete GPH 111 AND GPH 112 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LAP 341: Landscape Construction I	3	C	• Develop your skills.
LAP 353: Planting Design for Sustainable Landscapes	3	C	
LDE 361: Landscape Architecture I	5	C	
LAP 352: Ecosystems and Sustainable Design	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 74 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LAP 342: Landscape Construction II	3	C	
LAP 371: Professional Practice	1	C	
LDE 362: Landscape Architecture II	5	C	
LAP 332: GIS Applications in Environmental Design (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Summer 6 89 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LAP 484: Internship OR LAP 485: International Field Studies (G)	2	Y	• Students may take LAP 484 Internship in summer, fall, or spring. They must be enrolled in LAP 484 during the term in which they complete the internship.
Term hours subtotal:	2		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LDE 461: Landscape Architecture III	5	C	• Gather professional references.

LAP 413: Landscape Architecture Theory and Criticism (L)	3	C
Upper Division Design Professional Elective	3	C
Elective	4	
Complete LAP 484 OR LAP 485 course(s).		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ LAP 443: Landscape Construction III	3	C	
★ LDE 462: Landscape Architecture IV	5	C	
Upper Division Design Professional Elective	3	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

Design Professional Elective

ADE OR ANP OR APH OR DSC OR GRA OR IND OR INT OR LAP OR LDE OR LPH OR LTC Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Music, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSBA

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list for MUP 4** (400-Level) Music Ensemble options. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 111: Studio Instruction	2	C	
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	17		

Term 2 17 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 111: Studio Instruction	2	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list for MUP 4** (400-Level) Music Ensemble options. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health.
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 33 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MUP 111: Studio Instruction	2	C
4** (400-Level) MUP Music Ensemble	1	C
MTC 222: Music Theory: 19th Century	3	C
MUP 231: Class Piano	1	C
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete MUP 131 by end of term 3.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

- ASU Language Placement: Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Second Language: Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of Term 4.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- See course list for MUP 4** (400-Level) Music Ensemble options.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 111: Studio Instruction	2	C	
4** (400-Level) MUP Music Ensemble	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 232: Class Piano	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete MUP 132 by end of term 4.			
Complete Second Language 101 and 102 by end of term 4.			
Term hours subtotal:	15		

- ASU Language Placement: Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- See course list for MUP 4** (400-Level) Music Ensemble options.
- Courses offered in spring semester only: MTC 223, MUP 232.
- Select a faculty mentor to guide your degree work.

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint	2	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Literacy and Critical Inquiry (L)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
Complete MUP 231 by end of term 5.			
Term hours subtotal:	15		

- MTC 320 offered in odd numbered fall semesters only.

Term 6 78 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C
★	Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4	
	MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C
	Upper Division Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★	Complete MTC 320 OR MTC 321 by end of term 6.		
★	Complete MUP 232 by end of term 6.		
	Complete Second Language 201 and 202 by end of term 6.		
	Term hours subtotal:	13	

- MTC 321 offered in even numbered spring semesters only.
- Gather a list of professional references.

Term 7 91 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* MHL OR MTC Upper Division Elective	6	C	
MHL course (L) Upper Division (MHL 440 recommended)	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Elective	2		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* MHL OR MTC Upper Division Elective	6	C	• Complete a capstone project.
MHL Upper Division Elective	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

4** (400-Level) MUP Music Ensembles Courses	Upper Division MHL (HU) Courses	Upper Division MHL (HU) Through Present Time Courses
MUP 442: Instrumental Ensembles	MHL 341: Music History I (HU)	MHL 342: Music History II (HU)
MUP 443: Choral Ensembles	MHL 342: Music History II (HU)	MHL 344: Music in World Cultures (HU & G)
MUP 444: Maroon and Gold Concert Bands	MHL 344: Music in World Cultures (HU & G)	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 450: Choral Union	MHL 365: Popular Music and Race ((L or HU) & C)	MHL 394: Music in the Middle East
MUP 455: Arizona Statesmen	MHL 394: Music in the Middle East	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 457: Sol Singers		

MUP 458: ASU Gospel Choir	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 441: Concerts in the 20th Century (HU)
MUP 479: Chamber Music Ensembles	MHL 441: Concerts in the 20th Century (HU)	MHL 447: Music and Healing (HU & H & G)
MUP 485: Percussion Ensemble	MHL 447: Music and Healing (HU & H & G)	MHL 494: Music and Film
MUP 486: Jazz Band	MHL 494: Music and Film	MHL 494: Recycled Music: Medieval to Modern
MUP 489: Ethnomusicology Ensembles	MHL 494: Recycled Music: Medieval to Modern	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Music (Music and Culture), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIMUSMCBA

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • See MHL faculty for approval of MUP/music elective courses. • See course list for MUP 4** Music Ensemble course options. • Courses offered in fall semester only: MTC 125, MUP 131, MUP 101. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 101: The ASU School of Music Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 111: Studio Instruction OR MUP Elective	2	C	
MUP 131: Class Piano	1	C	
4** MUP Music Ensemble	1	C	
Mathematics (MA)	3		
Term hours subtotal:	17		

Term 2 17 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 221: Music Theory: 18th Century	3	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • MHL 499: Individualized study is done by arrangement with a musicology faculty member. • See MHL faculty for approval of MUP/music elective courses. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 499: Individualized Instruction	1	C	
MUP 111: Studio Instruction OR MUP Elective	2	C	
MUP 132: Class Piano	1	C	
4** MUP Music Ensemble	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 33 - 49 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MHL 499: Individualized Instruction	1	C	
MTC 222: Music Theory: 19th Century	3	C	
MUP 111: Studio Instruction OR MUP Elective	2	C	
4** MUP Music Ensemble	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
MUP Elective (MUP 231 recommended)	1	C	
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete MUP 131 by end of term 3.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

- Second Language: Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of Term 4.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- MHL 499: Individualized study done by arrangement with a musicology faculty member.
- See MHL faculty for approval of MUP/music elective courses.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 49 - 65 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MHL 499: Individualized Instruction	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 111: Studio Instruction OR MUP Elective	2	C	
4** MUP Music Ensemble	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
MUP Elective (MUP 232 recommended)	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete MUP 132 by end of term 4.			
Complete Second Language 101 and 102 by end of term 4.			
Milestone: Rising Junior Milestone Interview			
Term hours subtotal:	16		

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- MHL 499: Individualized study done by arrangement with a musicology faculty member.
- See MHL faculty for approval of MUP/music elective courses.
- Courses offered in spring semester only: MTC 223, MUP 232.
- Select a faculty mentor to guide your degree work.

Term 5 65 - 82 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MHL 339: Undergraduate Bibliography I	1	C	
MHL 499: Individualized Instruction	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR MTC Upper Division Elective	2		
Complete Second Language 201 and 202 by end of term 6.			
Term hours subtotal:	17		

- MHL 339: Individualized bibliography study with instructor of Upper Division MHL Course. MHL 499: Individualized study by arrangement with a musicology faculty member.
- Two upper division MHL electives are required: one Music Through Present Time course and another MHL course from the lists below, or other MHL courses approved by the musicology faculty.

Term 6 82 - 96 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	• MHL 340: Individualized bibliography study with instructor of Upper Division MHL Course. MHL 499: Individualized study by arrangement with a musicology faculty member. • Two upper division MHL electives are required: one Music Through Present Time course and another MHL course from the lists below, or other MHL courses approved by the musicology faculty. • Gather a list of professional references.
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
MHL 340: Undergraduate Bibliography II	1	C	
MHL 499: Individualized Instruction	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective OR MTC Upper Division Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 96 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MHL 490: Capstone Project I: Undergraduate Thesis Research OR MHL 492: Honors Directed Study	3	C	• MHL 490 or 492: Culminating original research project conducted with supervision of musicology faculty.
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR MHL 484: Internship OR MDC 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	12		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MHL 491: Capstone Project II: Undergraduate Thesis OR MHL 493: Honors Thesis (L)	3	C	• MHL 491 or 493: Culminating original research project conducted with supervision of musicology faculty. • Complete capstone project. • Apply for full-time career opportunities.
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

MUP Music Ensembles Course List
MUP 442: Instrumental Ensembles
MUP 443: Choral Ensembles
MUP 444: Maroon and Gold Concert Bands
MUP 450: Choral Union
MUP 455: Arizona Statesmen
MUP 457: Sol Singers
MUP 458: ASU Gospel Choir

Upper Division MHL (HU) Through Present Time Courses
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East

Upper Division MHL (HU) Courses
MHL 341: Music History I (HU)
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East

MUP 479: Chamber Music Ensembles	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 485: Percussion Ensemble	MHL 441: Concerts in the 20th Century (HU)	MHL 441: Concerts in the 20th Century (HU)
MUP 486: Jazz Band	MHL 447: Music and Healing (HU & H & G)	MHL 447: Music and Healing (HU & H & G)
MUP 489: Ethnomusicology Ensembles	MHL 494: Music and Film	MHL 494: Music and Film
	MHL 494: Recycled Music: Medieval to Modern	MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Music (Popular Music), BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus
HIMUSPMBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors. • MSC 115 test out is available. • Performance track students must enroll in both MUP 111: Popular Music Studio Instruction and MUP 441: Popular Music Ensemble in Terms 1 and 2. • Non-performance track must complete MSC 115 as well as MSC 221 Popular Music Lab in Term 1. • MUP 441 is open to students in the performance track, and by audition for students in the non-performance track. • Fall only courses: MTC 125, MUP 101. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MSC 115: Music Production Fundamentals OR MUP 111: Studio Instruction	2	C	
MSC 443: Popular Music Forum	1	C	
MUP 101: The ASU School of Music Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MSC 221: Popular Music Lab OR MUP 441: Popular Music Ensemble	1	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MSC 443: Popular Music Forum	1	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Performance track students must enroll in both MUP 111: Popular Music Studio Instruction and MUP 441: Popular Music Ensemble in Terms 1 and 2. • Non-performance track students must complete a Popular Music Foundation Course (see course list below) and MSC 441. • MUP 441 is open to students in the performance track, and by audition for students in the non-performance track.
MUP 111: Studio Instruction OR Popular Music Foundations	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MSC 221: Popular Music Lab	1	C	
MSC 441: Live Sound and Stage Technology I OR MUP 441: Popular Music Ensemble	1	C	
MTC 221: Music Theory: 18th Century	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

- Courses offered in spring semester only: MTC 221.
- Familiarize yourself with information about musicians' health.

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MSC 443: Popular Music Forum	1	C	• Performance students can choose between continuing their instrumental studies via MUP 111, or to begin taking Popular Music Foundation courses. • Performance students must enroll in MSC 115: Music Production Fundamentals in Term 3. Students can test out of MSC 115: Music Production Fundamentals and enroll in a Popular Music Foundation Course. • Students can choose between MTC 224: Arranging for Popular Musicians (offered on the Downtown campus) or MTC 222: Music Theory: 19th Century (offered on the Tempe campus). • Complete Popular Music Specialization sheet with a faculty mentor or advisor to guide your degree work. Review specialization prerequisites to ensure you've fulfilled or are in progress of fulfilling them. If fulfilled by this point, begin taking Popular Music Specialization coursework. • Courses offered in fall semester only: MTC 222, MTC 224. • Participate in at least two ensemble performances.
MUP 111: Studio Instruction OR Popular Music Foundations	2	C	
MSC 115: Music Production Fundamentals OR Popular Music Foundations	2	C	
MSC 221: Popular Music Lab OR MSC 441: Live Sound and Stage Technology I OR MUP 441: Popular Music Ensemble	1	C	
MTC 222: Music Theory: 19th Century OR MTC 224: Arranging for Popular Musicians	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete MUP 131 by end of term 3.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MSC 443: Popular Music Forum	1	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Complete Popular Music Specialization sheet with a faculty mentor or advisor to guide your degree work. Review specialization prerequisites to ensure you've fulfilled or are in progress of fulfilling them. If fulfilled by this point, begin taking Popular Music Specialization coursework. • Performance track can choose between continuing their instrumental studies via MUP 111, or to continue taking Popular Music Foundation courses. • Students can choose between MTC 225: Popular Music Theory (offered on the Downtown campus) or MTC 223: Music Theory: 20th Century (offered on the Tempe campus). • Courses offered in spring semester only: MTC 223, MTC 225.
MUP 111: Studio Instruction OR Popular Music Foundations	2	C	
MSC 221: Popular Music Lab OR MUP 441: Popular Music Ensemble	1	C	
MTC 223: Music Theory: 20th Century OR MTC 225: Popular Music Theory	3	C	
MSC Elective	2	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Milestone: Rising Junior Milestone Interview			
Term hours subtotal:	15		

- Select a faculty mentor to guide your degree work.

Term 5 63 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 443: Popular Music Forum	1	C	• In Terms 5-8 and in consultation with faculty, students should enroll in a minimum of 18 credits of Popular Music Specialization courses.
MSC 451: Popular Music Industry Studies I	2	C	
Complete 2 courses: Upper Division Popular Music Specializations	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 443: Popular Music Forum	1	C	
MSC 452: Popular Music Industry Studies II	2	C	
Complete 2 courses: Upper Division Popular Music Specializations	6	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Milestone: Rising Senior Milestone Interview			
Term hours subtotal:	15		

Term 7 94 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 489: Popular Music Capstone Project	3	C	• Students must take two upper-division MHL courses. Students must take one course from the "Music History: 1900-Present" track group and the second from the "Music + Geographies" track group. These can be taken at anytime in Terms 5-8. • Gather a list of professional references.
★ Upper Division Music History: 1900-Present AND Upper Division Humanities, Arts and Design (HU)	3	C	
MSC 444: Popular Music Senior Forum	1	C	
Upper Division Popular Music Specializations	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	13		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 489: Popular Music Capstone Project	3	C	• Students must take two upper-division MHL courses. Students must take one course from the "Music History: 1900-Present" track group and the second from the "Music + Geographies" track group. These can be taken at anytime in Terms 5-8. • Complete capstone project.
★ Upper Division Music History (Music + Geographies)	3	C	
MSC 444: Popular Music Senior Forum	1	C	
Upper Division Popular Music Specializations	3	C	
Elective	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Popular Music Foundations
MSC 211: Songwriting Fundamentals
MSC 212: Intermediate Music Production
MSC 213: Sound Design Fundamentals
MSC 314: Critical Listening

Popular Music Specializations
MSC 470: Sound Designer/Producer
MSC 471: Contemporary Composer/Producer Specialization
MSC 472: Songwriter/Producer Specialization
MSC 473: Engineer/Producer Specialization
MSC 474: Music and Advocacy
MSC 474: Music Branding and Marketing
MSC 474: Studio Multi-Tracking
MSC 474: Writing for Film and Television
MSC 475: DIY Creative Careers
MSC 477: Live Experience Design Specialization

Music History: Music + Geographies
MHL 344: Music in World Cultures (HU & G)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 445: Music of the Silk Road
MHL 494: Jazz Musicians as Composers

Music History: 1900-Present
MHL 342: Music History II (HU)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 494: American Aesthetics after 1960
MHL 494: Jazz Musicians as Composers
MHL 494: Music and Film
MHL 494: Opera and Music Theater Since 1950

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Music Learning and Teaching, BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSEBM

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUE 101 The ASU School of Music Experience required of all first-year music learning and teaching majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • MUP 131 Class Piano must be taken rather than MUP 133 Class Voice unless piano is primary instrument. • Students may use up to two semesters of MUP 461 Marching and Athletic Bands towards degree (optional). • Courses offered fall semester only: MTC 125, MUE 101, MUP 131, MUP 133. • Complete a resume in MUE 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MTC 125: Basic Music Theory	3	C	
MUE 101: The ASU School of Music Experience	1	C	
MUP 111: Studio Instruction	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MUP 131: Class Piano OR MUP 133: Class Voice	1	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 221: Music Theory: 18th Century	3	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Students are expected to perform in at least one large ensemble per semester in semesters 1-4. • Apply for Identity Verified Print (IVP) fingerprint clearance card, required by state law for participation in internships in K-12 grade schools. • Courses offered in spring semester only: MTC 221, MUE 110, MUE 154, MUP 132, MUP 134. • Familiarize yourself with information about musicians' health.
MUE 110: Introduction to Music Education	2	C	
MUE 154: Gesture and Sound	1	C	
MUP 111: Studio Instruction	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 132: Class Piano OR MUP 134: Class Voice	1	C	
Mathematics (MA)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 222: Music Theory: 19th Century	3	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Refer to course list and consult with faculty mentor regarding MUE Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4). • Courses offered in fall semester only: MTC 222, MUE 323, MUE 325. • Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances.
MUP 111: Studio Instruction	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
Complete 2 courses: Upper Division MUE Lab Course	4	C	
MHL 201: Media Literacy for Musicians (CS) OR AME 111: Introduction to Digital Culture (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	17		

Term 4 47 - 64 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 223: Music Theory: 20th Century	3	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Meet with your advisor early in the semester to submit an "Intent to Progress" form that notifies Teachers College you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP FPC with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation. • GCU 113 meets US and AZ Constitution requirements for teaching certification. • Refer to course list and consult with faculty mentor regarding MUE Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4). • Courses offered in spring semester only: MTC 223, MUE 321. • Create and continue to add to a professional online portfolio.
MUP 111: Studio Instruction	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
Complete 2 courses: Upper Division MUE Lab Course	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended)	3		
Milestone: All Music Learning and Teaching majors must audition with faculty during this term.			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 64 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 311: Studio Instruction	2	C	• Refer to course list and consult with faculty mentor regarding The Art of Teaching course selection. • Students are expected to perform in at least one large ensemble per semester in semesters 5-7. • Please see Upper Division MHL Through Present Time Course list for options. • Courses offered in fall semesters only: MUE 481. • Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs).
TEL 355: Internship: Initial	1	C	
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
Upper Division The Art of Teaching Course	4	B	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	14		

- Gather a list of professional references.

Term 6 78 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	• Refer to course list and consult with faculty mentor regarding The Art of Teaching course selection. • Please see Upper Division MHL HU Course list for options. • Courses offered in spring semester only: MUE 480, MUE 482. • Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs). • Complete internships at two different schools.
★ TEL 366: Internship: Intermediate	1	C	
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUE 161: Introduction to Music Therapy	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
Upper Division The Art of Teaching Course	4	B	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 94 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	• Refer to course list and consult with faculty mentor regarding The Art of Teaching course selection.
★ TEL 477: Internship: Advanced	2	C	
BLE 408: Structured English Immersion (SEI) Methods (L)	3	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
MUP 495: Performance	0	C	
Upper Division The Art of Teaching Course	4	B	
Elective	2		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	• Take the AEPA/NES Professional Knowledge Test in Term 8 (secondary recommended; necessary for teacher certification). • Your student teaching residency requires a full-time commitment in the K-12th grade classroom for the semester.
TEL 471: Professional Educator Series: The Principled Educator	1	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

The Art of Teaching Courses	MUE Lab Courses	Upper Division MHL (HU) Through Present Time Courses
MUE 413: The Art of Teaching Children Music	Required:	MHL 342: Music History II (HU)
MUE 415: The Art of Teaching Contemporary Musicians	MUE 319: Digital and Hybrid Lab	MHL 344: Music in World Cultures (HU & G)
	Choose 3 additional courses:	

MUE 480: The Art of Teaching Choral Musicians

MUE 481: The Art of Teaching Beginning Instrumentalists

MUE 482: The Art of Teaching Advanced Instrumentalists

MUE 317: Strings Lab

MUE 321: Jazz Lab

MUE 323: Keyboard Lab

MUE 325: Voice/Choral Lab

MUE 327: Brass Lab

MUE 334: Guitar Lab

MUE 336: Percussion Lab

MUE 337: Woodwinds Lab

MUE 394: Popular Music Lab for Teachers

MHL 365: Popular Music and Race ((L or HU) & C)

MHL 394: Music in the Middle East

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 441: Concerts in the 20th Century (HU)

MHL 447: Music and Healing (HU & H & G)

MHL 494: Music and Film

MHL 494: Recycled Music: Medieval to Modern

Upper Division MHL (HU) Courses

MHL 341: Music History I (HU)

MHL 342: Music History II (HU)

MHL 344: Music in World Cultures (HU & G)

MHL 365: Popular Music and Race ((L or HU) & C)

MHL 394: Music in the Middle East

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 441: Concerts in the 20th Century (HU)

MHL 447: Music and Healing (HU & H & G)

MHL 494: Music and Film

MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Music Therapy, BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSTHBM

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• MUE 101 The ASU School of Music Experience is required of all first-year music therapy majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list below for MUP 4** (400-Level) Music Ensemble course options. Students should complete four large ensembles and two small ensembles. • For statistics, students may choose PSY 230 or STP 226; if students choose PSY 230, they must complete MAT 119 or higher for Mathematics (MA) requirement. • Courses offered in fall semester only: MTC 125, MUE 101, MUP 131. • Complete a resume in MUE 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUE 101: The ASU School of Music Experience	1	C	
MUP 111: Studio Instruction	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUE 335: Educational Methods for Guitar	1	C	
MUP 131: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
Mathematics (MA)	3	C	
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 111: Studio Instruction	2	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list below for MUP 4** (400-Level) Music Ensemble course options. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

		Minimum	

Term 3 31 - 48 Credit Hours Critical course signified by	Hours	Grade	Notes
MUE 161: Introduction to Music Therapy	2	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list below for MUP 4** (400-Level) Music Ensemble course options. • Courses offered in fall semester only: MTC 222, MUE 162, MUP 133, MUP 231. • Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances.
MUE 162: Introduction to Music Therapy Lab	1	C	
MUP 111: Studio Instruction	2	C	
CDE 232: Human Development (SB)	3		
MTC 222: Music Theory: 19th Century	3	C	
MUP 133: Class Voice	1	C	
MUP 231: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
SOC 101: Introductory Sociology (SB)	3		
Complete Mathematics (MA) requirement.			
Complete MTC 125 AND MUP 131.			
Complete First-Year Composition requirement.			
Term hours subtotal:	17		

Term 4 48 - 64 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUE 261: Music Therapy Treatment Process	3	C	• Students must pass a jury in term 4 to be eligible for MUP 311 as an Advanced Performance Course in Term 5. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list below for MUP 4** (400-Level) Music Ensemble course options. • Courses offered in spring semester only: MTC 223, MUE 260, MUE 261, MUP 134, MUP 232. • Participate in clinical work at ASU's Music Therapy Clinic.
MUP 111: Studio Instruction	2	C	
MTC 223: Music Theory: 20th Century	3	C	
MUE 260: Repertoire for Music Therapy	2	C	
MUP 134: Class Voice	1	C	
MUP 232: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3		
Complete MTC 221 AND MUP 132.			
Term hours subtotal:	16		

Term 5 64 - 80 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUE 384: Therapy Practicum I	1	C	• Please see Upper Division MHL Course list below for options. • A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance courses toward this requirement. Please refer to the Advanced Performance course list below for options. • See course list below for MUP 4** (400-Level) Music Ensemble course options. • Course offered in fall semesters only: MUE 467. • Gather a list of professional references.
MUE 467: Music Therapy Theory and Practice I	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		
PSY 366: Abnormal Psychology (SB)	3		
Upper Division Advanced Performance Course	1-2	C	
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
Complete MTC 222 AND MUP 231.			
Term hours subtotal:	16-17		

Term 6 80 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUE 385: Therapy Practicum II	1	C	• Please see Upper Division MHL Through Present Time Course list below for options. • A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance Courses toward this requirement. Please refer to the Advanced Performance Course list below for options. • See course list below for MUP 4** (400-Level) Music Ensemble course options. • Courses offered in spring semesters only: MUE 381, MUE 463. • Complete two clinical experiences.
MUE 463: Music Therapy Theory and Practice II	3	C	
MUE 381: Music Therapy Research (L)	3	C	
MUE 434: Health Rhythms Drum Facilitation	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
Upper Division Advanced Performance Course	1-2	C	
Upper Division MHL Through Present Time Course	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Complete MTC 223 AND MUP 232.			
Term hours subtotal:	14-15		

Term 7 94 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUE 386: Therapy Practicum III	2	C	• A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance Courses toward this requirement. Please refer to the Advanced Performance Course list below for options. • Courses offered in fall semester only: MUE 441, MUE 475.
BIO 160: Introduction to Anatomy and Physiology (SQ)	4		
MUE 441: Psychology of Music	3	C	
MUE 475: Group Process and Music Therapy	3	C	
Upper Division Advanced Performance Course	1-2	C	
Term hours subtotal:	13-14		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUE 387: Therapy Practicum IV	2	C	• A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance Courses toward this requirement. Please refer to the Advanced Performance Course list below for options. • Complete clinical experiences and apply for a formal internship. • Students register for MUE 476 (6-month internship) in the last semester and complete it after finishing all coursework for the degree. Degree is posted after completion of all requirements and the internship.
MUE 476: Internship in Music Therapy	1	C	
Upper Division Advanced Performance Course	1-2	C	
DCE Elective	2		
Upper Division Literacy and Critical Inquiry (L) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13-14		

Hide Course List(s)/Track Group(s)

Advanced Performance Course List	4** (400-Level) MUP Music Ensembles Course List	Upper Division MHL (HU) Courses
MUP 311: Studio Instruction	MUP 442: Instrumental Ensembles	MHL 341: Music History I (HU)
MUP 321: Studio Instruction		MHL 342: Music History II (HU)

MUP 417: Applied Jazz Improvisation	MUP 443: Choral Ensembles	MHL 344: Music in World Cultures (HU & G)
MUP 479: Piano Ensemble	MUP 458: ASU Gospel Choir	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 485: Percussion Ensemble	MUP 479: Chamber Music Ensembles	MHL 394: Music in the Middle East
MUP 489: Ethnomusicology Ensembles	MUP 486: Jazz Band	MHL 440: Topics in 20th-Century Music (L or HU)
		MHL 441: Concerts in the 20th Century (HU)
		MHL 447: Music and Healing (HU & H & G)
		MHL 494: Music and Film
		MHL 494: Recycled Music: Medieval to Modern

Upper Division MHL Through Present Time Courses
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 445: Music of the Silk Road
MHL 447: Music and Healing (HU & H & G)
MHL 494: Music and Film
MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance (Collaborative Piano), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPPBM

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered fall semester only: MTC 125, MUP 101. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 127: Studio Instruction	4	C	
MUP 479: Piano Ensemble	1	C	
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221. • Familiarize yourself with information about musicians' health.
MUP 479: Piano Ensemble	1	C	
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for studio instruction is determined based on successful
MUP 250: Diction for Singers	1	C	

MUP 479: Piano Ensemble	1	C
MTC 222: Music Theory: 19th Century	3	C
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete MTC 125 by end of term 3.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- completion of audition and review of transcripts.
- Due to sequence of music theory courses, failure to successfully complete MTC 125 by end of Term 3 will negatively impact ability to complete degree in four years.
- MUP 250 Italian Diction is offered in odd numbered fall semesters only.
- MUP 250 German Diction is offered in even numbered spring semesters only.
- MUP 250 French Diction is offered in even numbered fall semesters only.
- Courses offered in fall semester only: MTC 222.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 47 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	
MTC 223: Music Theory: 20th Century	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete MTC 221 by end of term 4.			
Term hours subtotal:	14		

- Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.
- Audition is required after Term 4 to continue into MUP 337 Studio Instruction: Collaborative Piano.
- Courses offered in spring semester only: MTC 223.

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 495: Performance	0	Y	
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
MUP 311: Studio Instruction	2	C	
MUP 337: Studio Instruction: Collaborative Piano	2	C	
MUP 388: Collaborative Piano	1	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete MTC 222 by end of term 5.			
Term hours subtotal:	15		

- Course offered in fall semester only: MUP 210.

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MHL 341: Music History I (HU)	3	C	
MUP 495: Performance	0	Y	
MTC 428: Advanced Form and Analysis	3	C	
MUP 311: Studio Instruction	2	C	

- MTC 428, MUP 451: Piano Chamber Music, and MUP 453 are offered in odd numbered spring semesters only.

	MUP 337: Studio Instruction: Collaborative Piano	2	C
	MUP 388: Collaborative Piano	1	C
	MUP 451: Piano Chamber Music	2	C
	MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	2	C
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★	Complete MTC 223 by end of term 6.		
★	Complete MUP 209 OR MUP 210 by end of term 6.		
	Term hours subtotal:	15	

- Certain studios may require an additional semester of repertoire; please check with your studio professor.
- Gather a list of professional references.

Term 7 91 - 106 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MUP 496: Performance	0	Y	• Prepare, publicize, and present a public performance.
MUP 311: Studio Instruction	2	C	
MUP 337: Studio Instruction: Collaborative Piano	2	C	
MUP 388: Collaborative Piano	1	C	
MUP 487: Collaborative Piano	1	C	
MHL course (L) Upper Division	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective (MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective (MSC 115 OR MSC 212 OR MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MUP 496: Performance	0	Y	• MUP 453 offered in odd spring semesters only.
MUP 311: Studio Instruction	2	C	
MUP 337: Studio Instruction: Collaborative Piano	2	C	
MUP 388: Collaborative Piano	1	C	
MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	2	C	
Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective (MUP 451 OR MUP 484 OR MUP 438 recommended)	4	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

MUP 4** (400-Level) Ensembles Course List	Upper Division MHL (HU) Through Present Time Courses
MUP 443: Choral Ensembles	MHL 342: Music History II (HU)

- MUP 450: Choral Union
- MUP 455: Arizona Statesmen
- MUP 457: Sol Singers
- MUP 479: Chamber Music Ensembles
- MUP 485: Percussion Ensemble
- MUP 486: Jazz Band
- MUP 489: Ethnomusicology Ensembles

- MHL 344: Music in World Cultures (HU & G)
- MHL 365: Popular Music and Race ((L or HU) & C)
- MHL 394: Music in the Middle East
- MHL 440: Topics in 20th-Century Music (L or HU)
- MHL 441: Concerts in the 20th Century (HU)
- MHL 447: Music and Healing (HU & H & G)
- MHL 494: Music and Film
- MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance (Guitar), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPGBM

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• MUP 101 The ASU School of Music Experience required of all first-year music majors. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered fall semester only: MTC 125, MUP 101, MUP 131. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 127: Studio Instruction	4	C	
MUP 479: Guitar Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health.
MUP 479: Guitar Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	
MUP 479: Guitar Ensemble	1	C	

MTC 222: Music Theory: 19th Century	3	C
MUP 231: Class Piano	1	C
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete Mathematics (MA) requirement.		
Complete MTC 125 AND MUP 131 course(s).		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of music theory courses, failure to successfully complete MTC 125 by end of Term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 46 - 61 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
MUP 127: Studio Instruction	4	C	
MUP 479: Guitar Ensemble	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 232: Class Piano	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete MTC 221 AND MUP 132 course(s).			
Term hours subtotal:	15		

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- For music elective options, please refer to Recommended Music Electives list below.
- Courses offered in spring semester only: MTC 223, MUP 232.

Term 5 61 - 76 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MUP 327: Studio Instruction	4	C	
MUP 479: Guitar Ensemble	1	C	
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint	2	C	
MUP 210: Beginning Instrumental Conducting OR MUP 209: Beginning Choral Conducting	1	C	
Natural Science - Quantitative (SQ)	4		
Complete MTC 222 AND MUP 231 course(s).			
Term hours subtotal:	15		

- One semester of counterpoint is required. Choose from MTC 320 (modal - odd fall semesters) or MTC 321 (tonal - even spring semesters). Complete by end of Term 6.
- Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MUP 210.

Term 6 76 - 91 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MUP 327: Studio Instruction	4	C	
MUP 479: Guitar Ensemble	1	C	
MUP 495: Performance	0	Y	
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

- MTC 321 offered in even numbered spring semesters only.
- Gather a list of professional references.

Complete MTC 223 AND MUP 232 course(s).		
Complete MTC 320 OR MTC 321.		
Term hours subtotal:	15	

Term 7 91 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	• For music elective options, please refer to Recommended Music Electives list below.
MUP 479: Guitar Ensemble	1	C	
MUP 481: Performance Pedagogy and Materials	2	C	
MHL course (L) Upper Division	3	C	
Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	6	C	
Term hours subtotal:	16		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	• For music elective options, please refer to Recommended Music Electives list below. • Prepare, publicize, and present a public performance.
MUP 479: Guitar Ensemble	1	C	
MUP 496: Performance	0	Y	
MUP 451: Repertoire	2	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 447: Music and Healing (HU & H & G)
MHL 494: Music and Film
MHL 494: Recycled Music: Medieval to Modern

Upper Division MHL (HU) Courses
MHL 341: Music History I (HU)
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 447: Music and Healing (HU & H & G)
MHL 494: Music and Film
MHL 494: Recycled Music: Medieval to Modern

Recommended Music Electives
MHL 201: Media Literacy for Musicians (CS)
MHL 439: Topics in 19th-Century Music
MHL 440: Topics in 20th-Century Music (L or HU)
MUP 340: Intermediate Conducting
MUP 451: Repertoire

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance (Jazz), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPJBM

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• MUP 101: The ASU School of Music Experience is required of all first-year music majors. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered fall semester only: MTC 125, MUP 101, MUP 131. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 127: Studio Instruction	4	C	
MUP 479: Jazz Combo	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MTC 440, MUP 132. • Familiarize yourself with information about musicians' health.
MUP 479: Jazz Combo	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MTC 440: Jazz Theory and Ear Training	2	C	
MUP 132: Class Piano	1	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 33 - 49 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	

MUP 479: Jazz Combo	1	C	
MTC 222: Music Theory: 19th Century	3	C	
MUP 235: Jazz Piano	1	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete Mathematics (MA) requirement.			
Complete MTC 125 AND MUP 131.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

- Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of music theory courses, failure to successfully complete MTC 125 by Term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 235.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 49 - 65 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	
MUP 479: Jazz Combo	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 236: Jazz Piano	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete MTC 221 AND MUP 132.			
Term hours subtotal:	16		

- Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in spring semester only: MTC 223, MUP 236.

Term 5 65 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 415: Scoring for Instrumental Jazz Ensembles I	2	C	
MUP 479: Jazz Combo	1	C	
MUP 486: Jazz Band	1	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Complete MTC 222 AND MUP 235 course(s).			
Term hours subtotal:	14		

- MTC 415 offered in fall semesters only.

Term 6 79 - 95 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	
MUP 495: Performance	0	Y	
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 416: Scoring for Instrumental Jazz Ensembles II	2	C	
MUP 319: Advanced Audio Engineering in the Arts	2	C	
MUP 479: Jazz Combo	1	C	
MUP 486: Jazz Band	1	C	
Literacy and Critical Inquiry (L)	3		

- Courses offered in spring semester only: MTC 416, MUP 319.
- Gather a list of professional references.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Complete MTC 223 AND MUP 236 course(s).			
	Term hours subtotal:	16	

Term 7 95 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	• Prepare, publicize, and present a public performance.
MUP 451: Jazz Repertoire	2	C	
MUP 486: Jazz Band	1	C	
MHL course (L) Upper Division	3	C	
Elective	3		
Term hours subtotal:	13		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	• Course offered in spring semester only: MTC 441.
★ MUP 496: Performance	0	Y	
MTC 441: Jazz Composition	2	C	
MUP 451: Jazz Repertoire	2	C	
MUP 486: Jazz Band	1	C	
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses
MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)
MHL 447: Music and Healing (HU & H & G)	MHL 441: Concerts in the 20th Century (HU)
MHL 494: Music and Film	MHL 447: Music and Healing (HU & H & G)
MHL 494: Recycled Music: Medieval to Modern	MHL 494: Music and Film
	MHL 494: Recycled Music: Medieval to Modern

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance (Keyboard), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPKBM

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. First-year music majors take MUP 101: The ASU School of Music Experience. • For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map. • Students receiving music scholarships should register for MUP 487 in Term 1. • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 127: Studio Instruction	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
4** MUP Ensembles	1	C	
Mathematics (MA)	3		
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map. • Course offered in spring semester only: MTC 221. • Familiarize yourself with information about musicians' health.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
4** MUP Ensembles	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map. • Due to sequence of music theory courses, failure to successfully complete MTC 125 by the end of Term 3 will negatively impact ability to complete degree in four years. • Courses offered in fall semester only: MTC 222. • Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences, including preparing your Term 4 jury to advance to MUP 327 in Term 5.
MTC 222: Music Theory: 19th Century	3	C	
4** MUP Ensembles	1	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete MTC 125.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map. • Course offered in spring semester only: MTC 223.
MTC 223: Music Theory: 20th Century	3	C	
4** MUP Ensembles	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete MTC 221.			
Term hours subtotal:	15		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	• **Pedagogy and Repertoire**: Students must complete MUP 451 Piano Lit I, MUP 451 Piano Lit II, and MUP 481 Piano Beginner to complete this requirement. Courses can be taken in any order. • **Students who enter in an odd catalog year will take the courses in this sequence**: MUP 451 Piano Lit I (odd fall, Term 5), MUP 451 Piano Lit II (even spring, Term 6), MUP 481 Piano Beginner (even fall, Term 7). • **Students who enter in an even catalog year will take the courses in this sequence**: MUP 481 Piano Beginner (even fall, Term 5), MUP
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 425: Studies in 20th- and 21st-Century Theory	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
MUP 451: Piano Lit I OR MUP 481: Piano: Beginner	2	C	
MUP 479: Piano Ensemble	1	C	
MUP 487: Collaborative Piano	1	C	
Complete MTC 222.			

Term hours subtotal:	15	

451 Piano Lit I (odd fall, Term 7), MUP 451 Piano Lit II (even spring, Term 8).
- Courses offered in fall semester only: MTC 425, MUP 210, MUP 487.

Term 6 77 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MHL 341: Music History I (HU)	3	C	• MUP 451 Piano Chamber Music (odd springs) and/or MUP 482 Intermediate (odd springs) are recommended for the upper division music elective. • MUP 451 Piano Lit II is offered in even springs. • Course offered in spring semester only: MUP 440 (odd numbered spring semesters only). • Gather a list of professional references.
★ MUP 327: Studio Instruction	4	C	
★ MUP 495: Performance	0	Y	
MUP 121: Organ OR MUP 121: Harpsichord	1	C	
MUP 440: Keyboard Harmony	1	C	
MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective	2	C	
MUP 479: Piano Ensemble	1	C	
MDC OR MHL OR MTC OR MUE OR MUP OR MSC Elective (MSC 115 OR MSC 212 OR MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Complete MTC 223.			
★ Complete MUP 209 OR MUP 210.			
Term hours subtotal:	15		

Term 7 92 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	• MUP 451 Piano Lit I is offered in odd-numbered fall semesters. • MUP 481 Piano: Beginner is offered in even-numbered fall semesters. • Course offered in fall semester only: MUP 487.
MUP 451: Piano Lit I OR MUP 481: Piano: Beginner	2	C	
MUP 487: Collaborative Piano	1	C	
MHL course (L) Upper Division	3	C	
MDC OR MHL OR MTC OR MUE OR MUP OR MSC Elective (MSC 115 OR MSC 212 OR MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
Term hours subtotal:	13		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	• MUP 451 Piano Chamber Music (odd spring semesters) and/or MUP 482 Intermediate (odd spring semesters) are recommended for the upper division music elective. • MUP 451 Piano Lit II is offered in even spring semesters. • Prepare, publicize, and present a public performance.
★ MUP 496: Performance	0	Y	
MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective	2	C	
MHL Upper Division Elective	3	C	
MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective (MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 447: Music and Healing (HU & H & G)
MHL 494: Music and Film
MHL 494: Recycled Music: Medieval to Modern

Jazz, Ethno, World Music, or Popular Music Ensemble
MUP 441: Popular Music Ensemble
MUP 458: ASU Gospel Choir
MUP 485: Steel Band
MUP 486: Jazz Band
MUP 489: Ethnomusicology Ensembles

Choral Ensemble
MUP 443: Choral Ensembles
MUP 450: Choral Union
MUP 455: Arizona Statesmen
MUP 457: Sol Singers
MUP 458: ASU Gospel Choir
MUP 459: Barrett Choir

Small Ensemble
MUP 460: The Visiting Quartet Residency Program
MUP 476: New Music Ensemble
MUP 479: Chamber Music Ensembles

Large Instrumental Ensemble
MUP 442: Instrumental Ensembles
MUP 476: New Music Ensemble
MUP 485: Percussion Ensemble

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance (Music Theatre), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPMBM

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year music majors take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • Music Theatre I - VIII must be taken in sequence in the semesters indicated. • MUP 467 must be taken twice in sequence (part 1 in fall and part 2 in spring). • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 111: Studio Instruction	2	C	
MUP 170: Music Theatre I	2	C	
MUP 467: Music Theatre Dance Technique	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 111: Studio Instruction	2	C	• Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • MUP 467 must be taken twice in sequence (part 1 in fall and part 2 in spring). • Courses offered in spring semester only: MTC 221, MUP 132, MUP 172. • Familiarize yourself with information about musicians' health.
MUP 172: Music Theatre II	2	C	
MUP 467: Music Theatre Dance Technique	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
THF 101: Acting Introduction OR THP 102: Acting I: Fundamentals OR MUP 494: Music Theatre Acting and Movement	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	18		

Term 3 34 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 111: Studio Instruction	2	C	• Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below. • Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of Term 3 will negatively impact ability to complete degree in four years. • Courses offered in fall semester only: MTC 222, MUP 231, MUP 270. • Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.
MUP 270: Music Theatre III	2	C	
MUP 374: Technical Production I (Foundations)	1	C	
DCE Movement Elective	2	C	
MTC 222: Music Theory: 19th Century	3	C	
MUP 231: Class Piano	1	C	
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 48 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 111: Studio Instruction	2	C	• Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below. • Courses offered in spring semester only: MTC 223, MUP 272.
MUP 272: Music Theatre IV	2	C	
MUP 374: Technical Production II (Practicum)	1	C	
DCE Movement Elective	2	C	
MTC 223: Music Theory: 20th Century	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 311: Studio Instruction	2	C	• For MUP 373, Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester. • DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below. • Courses offered in fall semester only: MUP 360, MUP 370, MUP 471.
MUP 370: Music Theatre V	2	C	
MUP 373: Music Theatre Performance and Production	1	C	
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 360: Musicianship for Singers	1	C	
MUP 471: Audition Training (Musical Theatre)	1	C	
DCE Movement Elective	2	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 78 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 311: Studio Instruction	2	C	• For MUP 373, Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
MUP 373: Music Theatre Performance and Production	1	C	
MUP 465: Music Theatre VI	2	C	

★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C
MUP 451: Music Theatre Repertoire	2	C
DCE Movement Elective	1-2	C
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	14-15	

- DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.
- Courses offered in spring semester only: MUP 451: Music Theatre Repertoire, MUP 465.
- Certain studios may require an additional semester of repertoire; please check with your studio professor.
- Gather a list of professional references.

Term 7 92 - 105 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**
★ MUP 311: Studio Instruction	2	C
★ MUP 373: Music Theatre Performance and Production	1	C
★ MUP 470: Music Theatre VII	2	C
MUP 466: Broadway Dance	2	C
MDC OR MHL OR MSC OR MTC OR MUE OR MUP OR THF OR THP Upper Division Elective	3	C
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	13	

Notes

- For MUP 373, Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
- Courses offered in fall semester only: MUP 470.
- Prepare, publicize, and present a public performance.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**
★ MUP 311: Studio Instruction	2	C
★ MUP 373: Music Theatre Performance and Production	1	C
★ MUP 472: Music Theatre VIII	2	C
MUP 466: Broadway Dance	2	C
DCE OR MUP OR THP Upper Division Elective	2	C
Upper Division Literacy and Critical Inquiry (L)	3	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Term hours subtotal:	15	

Notes

- For MUP 373, Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
- Courses offered in spring semester only: MUP 472.

Hide Course List(s)/Track Group(s)

DCE Movement Electives
DCE 110: Argentine Tango I
DCE 120: Contemporary/Modern I
DCE 121: Ballet I
DCE 122: Jazz I
DCE 123: Nonmajors Hip Hop I
DCE 124: Latin/Swing/Ballroom I
DCE 125: Afro-Latin Salsa I
DCE 126: Country-Western

Upper Division MHL (HU) Through Present Time Courses
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)

Upper Division MHL (HU) Courses
MHL 341: Music History I (HU)
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)

DCE 133: Hip Hop I

DCE 134: Postmodern Contemporary I

DCE 135: Contemporary Ballet I

DCE 136: Introduction to Somatic Movement

DCE 139: Afro-Latin Movement Practices I

DCE 194: Tap

DCE 210: Argentine Tango II

DCE 220: Contemporary/Modern II

DCE 221: Ballet II

DCE 224: Latin/Swing/Ballroom II

DCE 225: Afro-Latin/Salsa II

DCE 239: Afro-Latin Movement Practices II

DCE 294: Jazz Practices

DCE 324: Latin/Swing/Ballroom III

DCE 339: Afro-Latin Movement Practices III

DCE 394: Jazz III

DCE 494: Latin/Salsa IV

MUP 494: Music Theatre Dance: Tap I

MUP 494: Music Theatre Dance: Tap II

MHL 447: Music and Healing (HU & H & G)

MHL 494: Music and Film

MHL 494: Recycled Music: Medieval to Modern

MHL 441: Concerts in the 20th Century (HU)

MHL 447: Music and Healing (HU & H & G)

MHL 494: Music and Film

MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance (Orchestral Instrument), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPOBM

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year students take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 127: Studio Instruction	4	C	
MUP 442: Instrumental Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health.
MUP 442: Instrumental Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	
MUP 442: Instrumental Ensembles	1	C	

MTC 222: Music Theory: 19th Century	3	C
MUP 231: Class Piano	1	C
Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete Mathematics (MA) requirement.		
Complete MTC 125 AND MUP 131 course(s).		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by Term 3 will negatively impact ability to complete degree in four years.
- For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 127: Studio Instruction	4	C	
MUP 442: Instrumental Ensembles	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 232: Class Piano	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete MTC 221 AND MUP 132 course(s).			
Term hours subtotal:	16		

- For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors.
- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in spring semester only: MTC 223, MUP 232.

Term 5 63 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 210: Beginning Instrumental Conducting	1	C	
MUP 442: Instrumental Ensembles	1	C	
MUP 479: Chamber Music Ensembles	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Complete MTC 222 AND MUP 231 course(s).			
Term hours subtotal:	16		

- For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors.
- MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.
- Course offered in fall semester only: MUP 210.

Term 6 79 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	
MUP 495: Performance	0	Y	
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 442: Instrumental Ensembles	1	C	
MUP 479: Chamber Music Ensembles	1	C	

- For chamber music ensemble requirements, MUP 460 is acceptable for string and wind majors.
- MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.

	MHL OR MTC OR MUE OR MUP OR MDC OR MSC Upper Division Elective	2	C
	Literacy and Critical Inquiry (L)	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★	Complete MTC 223 AND MUP 232 course(s).		
	Term hours subtotal:	14	

- Gather a list of professional references.

Term 7 93 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ MUP 327: Studio Instruction	4	C
MUP 442: Instrumental Ensembles	1	C
MUP 451: Repertoire	2	C
MUP 479: Chamber Music Ensembles	1	C
MHL course (L) Upper Division	3	C
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3	
Term hours subtotal:	14	

- For chamber music ensemble requirements, MUP 460 is acceptable for string and wind majors.
- MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.
- Certain studios may require an additional semester of repertoire; please check with your studio professor.
- Prepare, publicize, and present a public performance.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ MUP 327: Studio Instruction	4	C
★ MUP 496: Performance	0	Y
MUP 442: Instrumental Ensembles	1	C
MUP 479: Chamber Music Ensembles	1	C
MUP 481: Performance Pedagogy and Materials	2	C
MHL OR MTC OR MUE OR MUP OR MDC OR MSC Upper Division Elective	3	C
Elective	2	
Term hours subtotal:	13	

- For chamber music ensemble requirements, MUP 460 is acceptable for string and wind majors.
- MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses
MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)
	MHL 441: Concerts in the 20th Century (HU)

MHL 447: Music and Healing (HU & H & G)	MHL 447: Music and Healing (HU & H & G)
MHL 494: Music and Film	MHL 494: Music and Film
MHL 494: Recycled Music: Medieval to Modern	MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance (Voice), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPVBM

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year students take MUP 101: The ASU School of Music Experience to satisfy the First-Year Seminar requirement. • Completion of Piano Diagnostic Exam determines placement into Class Piano course. • Students starting in odd-numbered fall semester follow this MUP 250 Diction sequence starting in Term 1: Italian, German, French. • Students starting in even-numbered fall semester follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French. • One year of high school language in Italian, French, or German recommended. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MUP 101: The ASU School of Music Experience	1	C	
MUP 111: Voice	2	C	
MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
MUP 170: Music Theatre I	2	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MUP 111: Voice	2	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132, MUP 172. • Familiarize yourself with information about musicians' health.
MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
MUP 172: Music Theatre II	2	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G)	4	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor. • MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters. • Students who start in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French. • Students who start in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French. • Failure to complete MTC 125 by the end of term 3 will impact ability to complete degree in 4 years. • Courses offered in fall semester only: MTC 222, MUP 231.
MUP 111: Voice	2	C	
MUP 443: Choral Ensembles	1	C	
MTC 222: Music Theory: 19th Century	3	C	
MUP 231: Class Piano	1	C	
MUP 250: Diction for Singers	1	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Complete Mathematics (MA) requirement.			
Complete MTC 125 AND MUP 131.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 46 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G)	4	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor. • Complete required Second Language 101 courses by the end of Term 6. • MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters. • Courses offered in spring semester only: MTC 223, MUP 232. • Talk to your studio instructor about ways to enhance your performance skills. • Participate in at least two large ensemble performances and perform in studio class.
MUP 127: Studio Instruction	4	C	
MUP 443: Choral Ensembles	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 232: Class Piano	1	C	
MUP 250: Diction for Singers	1	C	
Literacy and Critical Inquiry (L)	3		
Complete MTC 221 AND MUP 132.			
Term hours subtotal:	17		

Term 5 63 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	• All students must complete FRE 101, GER 101, & ITA 101. One semester may be

Upper Division MHL - Cross-Historical AND Upper Division Humanities, Arts and Design (HU)	3	C
FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G)	4	C
MUP 250: Diction for Singers	1	C
MUP 360: Musicianship for Singers	1	C
MUP 443: Choral Ensembles	1	C
MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire	2	C
Complete MTC 222 AND MUP 231.		
Term hours subtotal:	16	

waived with review of high school transcript -- see advisor.

- MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.
- Students starting in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.
- Students starting in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French.
- Students must complete six hours total of Pedagogy and Repertoire courses. MUP 451, MUP 453, and MUP 481 are required.
- Course offered in fall semester only: MUP 451.
- Courses offered in even-numbered fall semesters: MUP 481.

Term 6 79 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	• Courses offered in odd-numbered spring semesters: MUP 453. • Gather a list of professional references.
MUP 495: Performance	0	Y	
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 443: Choral Ensembles	1	C	
MUP 453: Art Song Repertoire	2	C	
Natural Science - Quantitative (SQ)	4		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Complete MTC 223 AND MUP 232.			
Complete Second Language 101.			
Term hours subtotal:	14		

Term 7 93 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MUP 327: Studio Instruction	4	C	• MHL 440 will fulfill the Upper Division MHL and Literacy requirement and is offered in fall only. • Courses offered in fall semester only: MUP 451. • Courses offered in even-numbered fall semesters: MUP 481.
MUP 443: Choral Ensembles OR MUP 458: ASU Gospel Choir	1	C	
MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire	2	C	
MHL course (L) Upper Division	3	C	
MUP Upper Division Elective (MUP 471 recommended)	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete MUP 451 AND MUP 481 course(s).			
Term hours subtotal:	14		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ MUP 327: Studio Instruction	4	C	• Prepare, publicize, and present a public performance. • Apply for full-time career opportunities.
★ MUP 496: Performance	0	Y	
MUP 443: Choral Ensembles OR MUP 458: ASU Gospel Choir	1	C	
MUP 471: Opera Scenes	1	C	
Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Courses
MHL 341: Music History I (HU)
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 447: Music and Healing (HU & H & G)
MHL 494: Music and Film
MHL 494: Recycled Music: Medieval to Modern

Upper Division MHL - Cross-Historical Courses
MHL 342: Music History II (HU)
MHL 447: Music and Healing (HU & H & G)
MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance and Movement - Dance and Theatre, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIPERMVBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 160: Creative Practices I	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement.
DCE 170: First-Year Seminar I OR THF 125: Orientation to Film, Dance and Theatre	1-2	C	
Physical Practice Course	2-3	C	
DCE 136: Introduction to Somatic Movement	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Term hours subtotal:	14-16		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 126: Professional Development: Communication and Collaboration.	2	C	• Students are expected to reach the advanced level (300 level) of at least one of the Physical Practice courses. Plan your Physical Practices courses to be able to do that in Term 6. • Join an organization and/or participate in an off-campus performance project.
Physical Practice Course	2-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS) (DCE 240 OR FMP 255 recommended)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-16		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Physical Practice Course	3	C	
DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	
Creative Practice Course	3-4	C	
Natural Science - Quantitative (SQ)	4		

Elective	2	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15-16	

Term 4 44 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Physical Practice Course	2-3	C	• Develop your skills.
HDA 252: Foundations Arts and Design Entrepreneurship	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15-16		

Term 5 59 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Community Engagement and Education Course	3	C	• Students are expected to reach the advanced level of one of the Physical Practices next term.
Upper Division Production and Technical Course	1-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	15-17		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
THF 397: Professional Development Seminar	1	C	• Prepare for your optional internship next semester. • Internships are strongly encouraged.
Upper Division History and Context	3	C	
Upper Division Physical Practice Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 104 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective OR DCE Upper Division Elective	3	C	• If students intend to take DCE 461 as their capstone course in Term 8, then DCE 460 (Upper Division Creative Practice) is required in Term 7; DCE 460 is offered in fall only. • Start networking professionally. • Internships are strongly encouraged.
Upper Division Creative Practice	2-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	

Upper Division Literacy and Critical Inquiry (L) (DCE 405 OR THE 440 recommended)	3	
Elective	3	
Term hours subtotal:	14-15	

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 461: Transitions II OR THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	2-3	C	• DCE 461 is offered in spring only.
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Elective	2		
Term hours subtotal:	16-17		

Hide Course List(s)/Track Group(s)

Physical Practice Courses
DCE 111: Belly Dance I
DCE 120: Contemporary/Modern I
DCE 121: Ballet I
DCE 122: Jazz I
DCE 123: Nonmajors Hip Hop I
DCE 124: Latin/Swing/Ballroom I
DCE 125: Afro-Latin Salsa I
DCE 126: Country-Western
DCE 133: Hip Hop I
DCE 134: Postmodern Contemporary I
DCE 135: Contemporary Ballet I
DCE 136: Introduction to Somatic Movement
DCE 139: Afro-Latin Movement Practices I
DCE 220: Contemporary/Modern II
DCE 221: Ballet II
DCE 222: Jazz II
DCE 223: Nonmajors Hip Hop II
DCE 224: Latin/Swing/Ballroom II
DCE 225: Afro-Latin/Salsa II
DCE 233: Hip Hop II

Upper Division Physical Practice Courses
DCE 324: Latin/Swing/Ballroom III
DCE 333: Hip Hop III
DCE 334: Postmodern Contemporary III
DCE 335: Contemporary Ballet III
DCE 336: Somatic Movement Development and Facilitation
DCE 339: Afro-Latin Movement Practices III
IAP 331: Performance, Acting, and the Individual
MUP 370: Music Theatre V
MUP 465: Music Theatre VI
MUP 466: Broadway Dance
MUP 470: Music Theatre VII
MUP 471: Music Theatre: Workshops
MUP 472: Music Theatre VIII
THP 301: Acting Mainstage
THP 302: Acting III: Advanced Techniques
THP 307: Acting: Ten-Minute Plays
THP 372: Acting: Advanced Movement
THP 377: Acting: Voice and Speech

Upper Division Production and Technical Courses
DCE 438: Dance Theatre Performance/Production
MUP 373: Music Theatre Performance and Production
MUP 374: Music Theatre Technical Production
THP 301: Production
THP 317: Stage Management
THP 331: Costume Construction
THP 332: Makeup
THP 335: Advanced Stagecraft
THP 345: Lighting Design
THP 350: Sound Design
THP 355: Media Design for Performance
THP 401: Theatre Practicum
THP 435: Technical Direction
THP 442: Rendering for Design and Production
THP 448: AutoCAD for Live Entertainment
THP 449: AutoCAD 3D for Live Entertainment

DCE 234: Postmodern Contemporary II

DCE 236: Somatic Movement Applications: A Closer Look

DCE 238: Hip Hop Ensemble

DCE 239: Afro-Latin Movement Practices II

MUP 170: Music Theatre I

MUP 172: Music Theatre II

MUP 270: Music Theatre III

MUP 272: Music Theatre IV

MUS 146: Singing for Nonmajors I

THF 101: Acting Introduction

THP 102: Acting I: Fundamentals

THP 202: Acting II: Scene Study

THP 272: Introduction to Stage Movement

THP 277: Acting: Introduction to Voice

THP 387: Screen Acting

THP 420: Acting: Solo and Collaborative Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and Composition

THP 489: Acting: Audition Techniques and Career Development

THP 451: Student Production Board II

Creative Practice Courses

ART 116: Introduction to Digital Media

ART 216: Contemporary Art in Practice: Methods, Making, Meaning

DCE 161: Creative Practices II

DCE 240: Media for Dance (CS)

DCE 260: Creative Practices III

DCE 261: Creative Practices IV

DCE 262: Rhythmic Theory for Dance I

FMP 201: Film: The Creative Process I (HU)

FMP 255: Media Authorship (CS)

FMP 261: Principles of Screenwriting

FMP 280: Introduction to Film and Media Production

HDA 210: Creativity and Innovation in Design and the Arts

MUS 100: Fundamentals of Music Notation

MTC 125: Basic Music Theory

MUS 145: Nonmajors Class Piano: Beginner

THP 213: Introduction to Technical Theatre

THP 214: Introduction to Costuming

Upper Division Creative Practices

ART 443: Performance Art: Actions, Gestures, Journeys

DCE 360: Creative Practices V

DCE 361: Creative Practices VI

DCE 460: Transitions I

DCE 461: Transitions II

IAP 331: Performance, Acting, and the Individual

IAP 333: Directing for Performance

IAP 334: Conceptual Development in the Arts

THP 318: Directing II: Intermediate Directing

THP 330: Costume Design

THP 332: Makeup

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 360: Intermediate Playwriting

THP 420: Acting: Solo and Collaborative Performance

THP 428: Theatre Capstone/Senior Project

THP 440: Advanced Scene Design

Upper Division Community Engagement and Education Courses

ART 442: Art and Community

DCE 350: Dance in the Classroom: Learning Through Movement (HU)

DCE 354: Creative Approaches to Teaching Dance I

DCE 356: Creative Approaches to Teaching Dance II

FMP 417: Business and Legal Practices in Entertainment

HDA 310: Socially Engaged Practice

HDA 311: Work and Careers in the Cultural and Creative Industries

HDA 420: Design and the Arts Business Administration

THE 325: Play Reading for Educational Theatre

THE 480: Methods of Teaching Theatre

THP 311: Creative Drama with Youth (L)

THP 351: Arts Management

THP 411: Methods of Teaching Drama

THP 450: Theatre Organization and Management

THP 218: Directing I: Introduction to Directing

THP 260: Introduction to Dramatic Writing

Upper Division History and Context

DCE 300: Dancing Histories (HU)

DCE 301: Dance Analysis and Theory (L or HU)

DCE 302: History of American Hip Hop Dance (HU & C)

DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)

DCE 402: Ethnography of Dance Practices (L)

DCE 404: Dance and Ethics (L)

DCE 405: Writing the Creating Body (L or HU)

THE 320: History of the Theatre I (HU & H)

THE 321: History of the Theatre II (HU & H)

THE 322: Theatre History and Culture (HU & H)

THE 325: Play Reading for Educational Theatre

THE 421: Shakespeare: Stage and Film (L or HU)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

THE 429: Studies in European Literature and Culture

THE 430: History of Fashion I (HU)

THE 431: History of Fashion II: 20th-Century Fashion

THE 440: Experimental Theatre and Performance (L)

THP 455: Advanced Media Design

THP 483: Acting: Viewpoints and Composition

THP 482: Theatre for Social Change (C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance and Movement - Hip Hop Arts, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIPERMVBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 133: Hip Hop I	2	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement.
DCE 160: Creative Practices I	3	C	
DCE 170: First-Year Seminar I OR THF 125: Orientation to Film, Dance and Theatre	1-2	C	
DCE 136: Introduction to Somatic Movement	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Elective	2-3		
Term hours subtotal:	16-18		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 133: Hip Hop I	2	C	• Students are expected to reach the advanced level (300-level) of at least one of the Physical Practices. Plan your Physical Practices courses to be able to do that in Term 6. • Join a student club or organization and/or participate in an off-campus performance project.
THF 126: Professional Development: Communication and Collaboration.	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS) (DCE 240 OR FMP 255 recommended)	3		
Elective	2-3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-16		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	
DCE 233: Hip Hop II	2	C	
Creative Practice Course	3-4	C	

Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15-16	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 233: Hip Hop II	2	C	• Develop your skills.
HDA 252: Foundations Arts and Design Entrepreneurship	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3-4		
Term hours subtotal:	15-16		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 238: Hip Hop Ensemble	1	C	• Students are expected to reach the advanced level of one of the Physical Practices next term.
DCE 333: Hip Hop III	3	C	
Upper Division Community Engagement and Education Course	3	C	
Upper Division Production and Technical Course	1-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	14-16		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 238: Hip Hop Ensemble	1	C	• Prepare for your internship (optional) next semester. • Internships are strongly encouraged.
DCE 333: Hip Hop III	3	C	
THF 397: Professional Development Seminar	1	C	
DCE 302: History of American Hip Hop Dance (HU & C)	3	C	
Upper Division Physical Practice	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 238: Hip Hop Ensemble	1	C	• If students intend to take DCE 461 as their capstone course in Term 8, then DCE 460 (Upper Division Creative Practice) is required in Term 7. DCE 460 is offered in fall only.
DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship	3	C	
Upper Division Creative Practice	2-3	C	

DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	• DCE 333 is recommended as a DCE Upper Division Elective. • Start networking professionally. • Internships are strongly encouraged.
Upper Division Literacy and Critical Inquiry (L) (DCE 405 OR THE 440 recommended)	3		
Upper Division Elective	3		
Term hours subtotal:	15-16		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 461: Transitions II OR THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	2-3	C	• DCE 461 is offered in spring only.
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	14-15		

Hide Course List(s)/Track Group(s)

Physical Practice Courses	Upper Division Physical Practice Courses	Production and Technical Courses
DCE 111: Belly Dance I	DCE 324: Latin/Swing/Ballroom III	DCE 438: Dance Theatre Performance/Production
DCE 120: Contemporary/Modern I	DCE 333: Hip Hop III	MUP 373: Music Theatre Performance and Production
DCE 121: Ballet I	DCE 334: Postmodern Contemporary III	MUP 374: Music Theatre Technical Production
DCE 122: Jazz I	DCE 335: Contemporary Ballet III	THP 301: Production
DCE 123: Nonmajors Hip Hop I	DCE 336: Somatic Movement Development and Facilitation	THP 317: Stage Management
DCE 124: Latin/Swing/Ballroom I	DCE 339: Afro-Latin Movement Practices III	THP 331: Costume Construction
DCE 125: Afro-Latin Salsa I	IAP 331: Performance, Acting, and the Individual	THP 332: Makeup
DCE 126: Country-Western	MUP 370: Music Theatre V	THP 335: Advanced Stagecraft
DCE 133: Hip Hop I	MUP 465: Music Theatre VI	THP 345: Lighting Design
DCE 134: Postmodern Contemporary I	MUP 466: Broadway Dance	THP 350: Sound Design
DCE 135: Contemporary Ballet I	MUP 470: Music Theatre VII	THP 355: Media Design for Performance
DCE 136: Introduction to Somatic Movement	MUP 471: Music Theatre: Workshops	THP 401: Theatre Practicum
DCE 139: Afro-Latin Movement Practices I	MUP 472: Music Theatre VIII	THP 435: Technical Direction
DCE 220: Contemporary/Modern II	THP 301: Acting Mainstage	THP 442: Rendering for Design and Production
DCE 221: Ballet II	THP 302: Acting III: Advanced Techniques	THP 448: AutoCAD for Live Entertainment
DCE 222: Jazz II	THP 307: Acting: Ten-Minute Plays	
DCE 223: Nonmajors Hip Hop II	THP 372: Acting: Advanced Movement	
DCE 224: Latin/Swing/Ballroom II		

DCE 225: Afro-Latin/Salsa II

DCE 233: Hip Hop II

DCE 234: Postmodern Contemporary II

DCE 236: Somatic Movement Applications: A Closer Look

DCE 238: Hip Hop Ensemble

DCE 239: Afro-Latin Movement Practices II

MUP 170: Music Theatre I

MUP 172: Music Theatre II

MUP 270: Music Theatre III

MUP 272: Music Theatre IV

MUS 146: Singing for Nonmajors I

THF 101: Acting Introduction

THP 102: Acting I: Fundamentals

THP 202: Acting II: Scene Study

THP 272: Introduction to Stage Movement

THP 277: Acting: Introduction to Voice

THP 377: Acting: Voice and Speech

THP 387: Screen Acting

THP 420: Acting: Solo and Collaborative Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and Composition

THP 489: Acting: Audition Techniques and Career Development

THP 449: AutoCAD 3D for Live Entertainment

THP 451: Student Production Board II

Creative Practice Courses

ART 116: Introduction to Digital Media

ART 216: Contemporary Art in Practice: Methods, Making, Meaning

DCE 161: Creative Practices II

DCE 240: Media for Dance (CS)

DCE 260: Creative Practices III

DCE 261: Creative Practices IV

DCE 262: Rhythmic Theory for Dance I

FMP 201: Film: The Creative Process I (HU)

FMP 255: Media Authorship (CS)

FMP 261: Principles of Screenwriting

FMP 280: Introduction to Film and Media Production

HDA 210: Creativity and Innovation in Design and the Arts

MTC 125: Basic Music Theory

MUS 100: Fundamentals of Music Notation

MUS 145: Nonmajors Class Piano: Beginner

Upper Division Creative Practices

ART 443: Performance Art: Actions, Gestures, Journeys

DCE 360: Creative Practices V

DCE 361: Creative Practices VI

DCE 460: Transitions I

DCE 461: Transitions II

FMP 300: Short Film Production

IAP 331: Performance, Acting, and the Individual

IAP 333: Directing for Performance

IAP 334: Conceptual Development in the Arts

THP 318: Directing II: Intermediate Directing

THP 330: Costume Design

THP 332: Makeup

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 360: Intermediate Playwriting

Community Engagement and Education Courses

ART 442: Art and Community

DCE 350: Dance in the Classroom: Learning Through Movement (HU)

DCE 354: Creative Approaches to Teaching Dance I

DCE 356: Creative Approaches to Teaching Dance II

FMP 417: Business and Legal Practices in Entertainment

HDA 310: Socially Engaged Practice

HDA 311: Work and Careers in the Cultural and Creative Industries

HDA 420: Design and the Arts Business Administration

THE 325: Play Reading for Educational Theatre

THE 480: Methods of Teaching Theatre

THP 311: Creative Drama with Youth (L)

THP 351: Arts Management

THP 411: Methods of Teaching Drama

THF 215: Design and Composition for Theatre and Film (HU)	THP 420: Acting: Solo and Collaborative Performance	THP 450: Theatre Organization and Management
THP 213: Introduction to Technical Theatre	THP 428: Theatre Capstone/Senior Project	THP 482: Theatre for Social Change (C)
THP 214: Introduction to Costuming	THP 440: Advanced Scene Design	
THP 218: Directing I: Introduction to Directing	THP 455: Advanced Media Design	
THP 260: Introduction to Dramatic Writing	THP 483: Acting: Viewpoints and Composition	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Performance and Movement - Social and Partnership Dance, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIPERMVBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 124: Latin/Swing/Ballroom I OR DCE 125: Afro-Latin Salsa I	2	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement.
DCE 160: Creative Practices I	3	C	
DCE 170: First-Year Seminar I OR THF 125: Orientation to Film, Dance and Theatre	1-2	C	
DCE 136: Introduction to Somatic Movement	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Elective	2		
Term hours subtotal:	16-17		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 124: Latin/Swing/Ballroom I OR DCE 125: Afro-Latin Salsa I	2	C	• Alternate each semester between Latin and Ballroom. • Join a student club or organization, and/or participate in an off-campus performance project.
THF 126: Professional Development: Communication and Collaboration.	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS) (DCE 240 OR FMP 255 recommended)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 224: Latin/Swing/Ballroom II OR DCE 225: Afro-Latin/Salsa II	2	C	
DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	
Creative Practice Course	3-4	C	

Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15-16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DCE 224: Latin/Swing/Ballroom II OR DCE 225: Afro-Latin/Salsa II	2	C	• Develop your skills
HDA 252: Foundations Arts and Design Entrepreneurship	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 62 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 324: Latin/Swing/Ballroom III	2	C	• Students are expected to reach the advanced level of one of the Physical Practices next term.
Upper Division Community Engagement and Education Course	3	C	
Upper Division Production and Technical Course	1-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	12-14		

Term 6 74 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 324: Latin/Swing/Ballroom III	2	C	• Prepare for your internship (optional) next semester. • Internships are strongly encouraged.
THF 397: Professional Development Seminar	1	C	
DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)	3	C	
Upper Division Physical Practice Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 89 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THP Upper Division Elective OR THF Upper Division Elective	3	C	• Start networking professionally. • Internships are strongly encouraged.
Upper Division Creative Practice	2-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	

Upper Division Literacy and Critical Inquiry (L) (DCE 405 OR THE 440 recommended)	3	
Upper Division Elective	2	
Elective	3	
Term hours subtotal:	16-17	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	2-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	4		
Term hours subtotal:	15-16		

Hide Course List(s)/Track Group(s)

Physical Practice Courses
DCE 111: Belly Dance I
DCE 120: Contemporary/Modern I
DCE 121: Ballet I
DCE 122: Jazz I
DCE 123: Nonmajors Hip Hop I
DCE 124: Latin/Swing/Ballroom I
DCE 125: Afro-Latin Salsa I
DCE 126: Country-Western
DCE 133: Hip Hop I
DCE 134: Postmodern Contemporary I
DCE 135: Contemporary Ballet I
DCE 136: Introduction to Somatic Movement
DCE 139: Afro-Latin Movement Practices I
DCE 220: Contemporary/Modern II
DCE 221: Ballet II
DCE 222: Jazz II
DCE 223: Nonmajors Hip Hop II
DCE 224: Latin/Swing/Ballroom II
DCE 225: Afro-Latin/Salsa II
DCE 233: Hip Hop II

Upper Division Physical Practice Courses
DCE 324: Latin/Swing/Ballroom III
DCE 333: Hip Hop III
DCE 334: Postmodern Contemporary III
DCE 335: Contemporary Ballet III
DCE 336: Somatic Movement Development and Facilitation
DCE 339: Afro-Latin Movement Practices III
IAP 331: Performance, Acting, and the Individual
MUP 370: Music Theatre V
MUP 465: Music Theatre VI
MUP 466: Broadway Dance
MUP 470: Music Theatre VII
MUP 471: Music Theatre: Workshops
MUP 472: Music Theatre VIII
THP 301: Acting Mainstage
THP 302: Acting III: Advanced Techniques
THP 307: Acting: Ten-Minute Plays
THP 372: Acting: Advanced Movement
THP 377: Acting: Voice and Speech
THP 387: Screen Acting

Community Engagement and Education Courses
ART 442: Art and Community
DCE 350: Dance in the Classroom: Learning Through Movement (HU)
DCE 354: Creative Approaches to Teaching Dance I
DCE 356: Creative Approaches to Teaching Dance II
FMP 417: Business and Legal Practices in Entertainment
HDA 310: Socially Engaged Practice
HDA 311: Work and Careers in the Cultural and Creative Industries
HDA 420: Design and the Arts Business Administration
THE 325: Play Reading for Educational Theatre
THE 480: Methods of Teaching Theatre
THP 311: Creative Drama with Youth (L)
THP 351: Arts Management
THP 411: Methods of Teaching Drama
THP 450: Theatre Organization and Management

DCE 234: Postmodern Contemporary II

DCE 236: Somatic Movement Applications: A Closer Look

DCE 238: Hip Hop Ensemble

DCE 239: Afro-Latin Movement Practices II

MUP 170: Music Theatre I

MUP 172: Music Theatre II

MUP 270: Music Theatre III

MUP 272: Music Theatre IV

MUS 146: Singing for Nonmajors I

THF 101: Acting Introduction

THP 102: Acting I: Fundamentals

THP 202: Acting II: Scene Study

THP 272: Introduction to Stage Movement

THP 277: Acting: Introduction to Voice

THP 420: Acting: Solo and Collaborative Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and Composition

THP 489: Acting: Audition Techniques and Career Development

THP 482: Theatre for Social Change (C)

Creative Practice Courses

ART 116: Introduction to Digital Media

ART 216: Contemporary Art in Practice: Methods, Making, Meaning

DCE 161: Creative Practices II

DCE 240: Media for Dance (CS)

DCE 260: Creative Practices III

DCE 261: Creative Practices IV

DCE 262: Rhythmic Theory for Dance I

FMP 201: Film: The Creative Process I (HU)

FMP 255: Media Authorship (CS)

FMP 261: Principles of Screenwriting

FMP 280: Introduction to Film and Media Production

HDA 210: Creativity and Innovation in Design and the Arts

MTC 125: Basic Music Theory

MUS 100: Fundamentals of Music Notation

MUS 145: Nonmajors Class Piano: Beginner

THF 215: Design and Composition for Theatre and Film (HU)

THP 213: Introduction to Technical Theatre

Upper Division Creative Practices

ART 443: Performance Art: Actions, Gestures, Journeys

DCE 360: Creative Practices V

DCE 361: Creative Practices VI

DCE 460: Transitions I

DCE 461: Transitions II

FMP 300: Short Film Production

IAP 331: Performance, Acting, and the Individual

IAP 333: Directing for Performance

IAP 334: Conceptual Development in the Arts

THP 318: Directing II: Intermediate Directing

THP 330: Costume Design

THP 332: Makeup

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 360: Intermediate Playwriting

THP 420: Acting: Solo and Collaborative Performance

THP 428: Theatre Capstone/Senior Project

Production and Technical Courses

DCE 438: Dance Theatre Performance/Production

MUP 373: Music Theatre Performance and Production

MUP 374: Music Theatre Technical Production

THP 301: Production

THP 317: Stage Management

THP 331: Costume Construction

THP 332: Makeup

THP 335: Advanced Stagecraft

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 401: Theatre Practicum

THP 435: Technical Direction

THP 442: Rendering for Design and Production

THP 448: AutoCAD for Live Entertainment

THP 449: AutoCAD 3D for Live Entertainment

THP 451: Student Production Board II

THP 214: Introduction to Costuming	THP 440: Advanced Scene Design
THP 218: Directing I: Introduction to Directing	THP 455: Advanced Media Design
THP 260: Introduction to Dramatic Writing	THP 483: Acting: Viewpoints and Composition

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Theatre, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FATHEBA

Term 1 0 - 11 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 125: Orientation to Film, Dance and Theatre	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125 Orientation to Film, Dance and Theatre required of all first-year theatre majors only. • Students must complete THP 201 for degree. Students may choose between THP 213 or 214. • Interested in pursuing the Design & Production concentration? Please see that specific major map to ensure the correct courses are taken. • Interested in the Acting Concentration? Please change your major to Theatre (Acting) so you are following the correct major map. • Join a student club or professional organization. Get involved in a production.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I: Fundamentals	3	C	
THP 201: Theatre Production Crew OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming	1-4	C	
Mathematics (MA)	3		
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:	11-14		

Term 2 11 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 126: Professional Development: Communication and Collaboration.	2	C	• THF 160 and THP 201 must be completed by the end of Term 3. • Students must complete THP 201 for degree. Students may choose between THP 213 or 214. • Interested in pursuing the Design & Production concentration? Please see that specific major map to ensure the correct courses are taken. Talk to your professors about when to apply for the Portfolio Review. • Interested in the Acting Concentration? Switch your major to Theatre (Acting) so you are following the correct major map. • Find a mentor.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I: Fundamentals	3	C	
THP 201: Theatre Production Crew OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming	4-1	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:	17-14		

		Minimum	

Term 3 28 - 44 Credit Hours Critical course signified by	Hours	Grade	Notes
THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	• THF 215 must be completed by the end of Term 4. • Establish career interests, develop soft skills and build a resume. • Deepen involvement in a production, and narrow your focus.
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Complete THF 160 course(s).			
Complete THP 201 course(s).			
Complete First-Year Composition requirement.			
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:	16		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	
THP 218: Directing I: Introduction to Directing	3	C	
THE OR THF OR THP Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete THF 215 course.			
Complete THP 102 AND THP 213 or THP 214 course(s).			
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:	16		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
THP 301: Theatre Production	1	C	• Begin discussion of your career options with your faculty mentor. • Continue to build your resume.
THE 320: History of the Theatre I (HU & H)	3	C	
THE OR THF OR THP Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Complete THP 218 course(s).			
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:	16		

Term 6 76 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
THE 321: History of the Theatre II (HU & H)	3	C	• For the Upper Division THE Dramatic Literature Course, choose one from THE 421, 422, 423, 426, or 440. If all Literacy requirements for General Studies are completed, then choose any course from the Dramatic Literature track group. • Enroll with your faculty mentor in THF 397 to begin the development of your senior project.
THF 397: Professional Development Seminar	1	C	
Upper Division THE Dramatic Literature Course	3	C	
THE OR THF OR THP Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Maintain 2.50 GPA in Theatre courses.		
Term hours subtotal:	16	

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L)	3	C	• Start networking. • Complete an internship. • Complete a major project in specific area.
Complete 3 courses: THE OR THF OR THP Upper Division Elective	9	C	
Upper Division Elective OR THP 484: Internship	3		
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	1-6	C	• Transfer students complete one additional hour of elective credit in Term 8 to reach 120 hours because THF 125 Orientation to Film, Dance and Theatre (Term 1) is not required for transfer students. • Students should choose THP 428 for three credits unless their faculty mentor feels there is a reason to do THF 497.
Complete 2 courses: THE OR THF OR THP Upper Division Elective	6	C	
THE OR THF OR THP Elective	3	C	
Elective	3		
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:	13-18		

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course
THE 421: Shakespeare: Stage and Film (L or HU)
THE 422: Latinx Theatre and Film (HU & C)
THE 423: African American Theatre (C)
THE 426: Pre-Columbian Theatre of the Americas
THE 440: Experimental Theatre and Performance (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Theatre (Acting), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FATHEABA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 125: Orientation to Film, Dance and Theatre	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125 Orientation to Film, Dance and Theatre fulfills this requirement. • Build your professional connections -- join the ASU Mentor Network.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU) OR THP 201: Theatre Production Crew	3-1	C	
THP 102: Acting I: Fundamentals	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16-14		

Term 2 16 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 126: Professional Development: Communication and Collaboration.	2	C	• Students who do not pass the acting concentration application and milestone process will be switched to the Theatre BA major.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU) OR THP 201: Theatre Production Crew	1-3	C	
THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	4	C	
THP 272: Introduction to Stage Movement OR THP 277: Acting: Introduction to Voice	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Theatre courses.			
Milestone: Apply for Acting Concentration during Term 2.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13-15		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	• THP 201, and THP 213 or 214 must be completed by the end of Term 4. • Get involved in projects in the School of Music, Dance and Theatre, and prepare for the audition into the Acting Concentration.
THP 272: Introduction to Stage Movement OR THP 277: Acting: Introduction to Voice	3	C	
Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 45 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	
THP 202: Acting II: Scene Study	3	C	
THP 218: Directing I: Introduction to Directing	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete THF 160 AND THF 215 course(s).			
Complete THP 201 AND THP 213 OR THP 214 course(s).			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
THF 370: Seminar: Acting Concentration for Stage and Screen	1	C	• Begin discussion of career options with your faculty mentor. • Continue to build your resume.
THP 301: Theatre Production	1	C	
THE 320: History of the Theatre I (HU & H)	3	C	
Upper Division THP Acting Elective	3	C	
Upper Division Elective	3		
Elective	3		
Complete THP 218 course(s).			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 75 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
THE 321: History of the Theatre II (HU & H)	3	C	• For the Upper Division THE Dramatic Literature Course, choose one from THE 421, 422, 423, 426, or 440. If all Literacy
THF 370: Seminar: Acting Concentration for Stage and Screen	1	C	
THF 397: Professional Development Seminar	1	C	
Upper Division THE Dramatic Literature Course	3	C	

	Upper Division THP Acting Elective	3	C
	Complete 2 courses: Upper Division Elective	6	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Maintain 3.00 GPA in Theatre courses.		
	Minimum 2.50 GPA ASU Cumulative.		
	Term hours subtotal:	17	

requirements for General Studies are complete, then choose any course from the Dramatic Literature track group.

- Enroll with your faculty mentor in THF 397 to begin the development of your senior project.

Term 7 92 - 108 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L)	3	C	• Plan and implement your capstone. Continue building a body of work and materials that are industry standard and that will launch you into your career and/or next project.
THF 370: Seminar: Acting Concentration for Stage and Screen	1	C	
THP 489: Acting: Audition Techniques and Career Development	3	C	
Upper Division Elective OR THP 484: Internship	3		
Complete 2 courses: Elective	6		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	1-6	C	• Transfer students complete one additional hour of elective credit in Term 8 to reach 120 hours because THF 125 Orientation to Film, Dance and Theatre (Term 1) is not required for transfer students.
Upper Division THP Acting Elective	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	5-6		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12-18		

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course
THE 421: Shakespeare: Stage and Film (L or HU)
THE 422: Latinx Theatre and Film (HU & C)
THE 423: African American Theatre (C)
THE 426: Pre-Columbian Theatre of the Americas
THE 440: Experimental Theatre and Performance (L)

THP Acting Electives
THP 301: Acting Mainstage
THP 302: Acting III: Advanced Techniques
THP 307: Acting: Ten-Minute Plays
THP 372: Acting: Advanced Movement
THP 377: Acting: Voice and Speech
THP 387: Screen Acting
THP 394: Acting Shakespeare
THP 420: Acting: Solo and Collaborative Performance

THP 483: Acting: Viewpoints and Composition
THP 494: Advanced Screen Acting
THP 494: Advanced Viewpoints
THP 494: Devising 3: Projects
THP 494: Devising Collaboration
THP 494: Devising Theatre
THP 494: Rasaboxes

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Theatre (Design and Production), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FADSNPRBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 125: Orientation to Film, Dance and Theatre	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125 Orientation to Film, Dance and Theatre required of all first-year Theatre majors only. • Develop and build upon a resume. Start collecting portfolio items and/or images. • Students interested in pursuing a focused education in Design and Production are first admitted to the BA in Theatre.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I: Fundamentals	3	C	
THP 201: Theatre Production Crew	1	C	
Mathematics (MA)	3		
Elective	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 126: Professional Development: Communication and Collaboration.	2	C	• Application for acceptance into the Design & Production concentration should occur at the end of the first-year of study. • THP 201 must be completed by the end of Term 2.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I: Fundamentals	3	C	
THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	4	C	
Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete THP 201 course(s).			
Complete THP 213 OR THP 214 course(s).			
Maintain 3.00 GPA in Theatre courses.			
Milestone: Successful completion of an interview and portfolio review.			
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 17

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	• THP 102 must be completed by the end of Term 4. • Continue to develop a portfolio. Start building a website. • Production Assignment required.
THP 301: Theatre Production	1	C	
Upper Division Design & Production Core Course	3	C	
Design & Production Concentration Elective	2-3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16-17		

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	• Terms 4 - 8 are for students who have passed the additional interview and portfolio review for the Design & Production concentration. • Production Assignment required.
THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	4	C	
THP 218: Directing I: Introduction to Directing	3	C	
THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar	1-3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete THP 102 course.			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15-17		

Term 5 62 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar	1-3	C	• Transfer students should apply for the concentration during their first semester at ASU. • Start looking for professional internships or jobs. • Attend conferences and build your professional connections -- join the ASU Mentor Network. • Begin discussions of career options with your faculty mentor. • Production Assignment required.
THE 320: History of the Theatre I (HU & H)	3	C	
Upper Division Design & Production Core Course	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Complete THP 218 course(s).			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13-15		

Term 6 75 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
THE 321: History of the Theatre II (HU & H)	3	C	

★	THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar	1-3	C
	THF 397: Professional Development Seminar	1	C
	Upper Division Design & Production Core Course	3	C
	Upper Division THE Dramatic Literature Course	3	C
	Elective	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Maintain 3.00 GPA in Theatre courses.		
	Minimum 2.50 GPA ASU Cumulative.		
	Term hours subtotal:	14-16	

- For the Upper Division THE Dramatic Literature Course, choose one course from the list below.
- Production Assignment required.
- Enroll with your mentor in THF 397 to begin the development of your senior project.

Term 7 89 - 105 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L)	3	C	• Attend conferences and build your professional connections -- join the ASU Mentor Network. • Apply for professional jobs or graduate school. • Production Assignment required.
★ THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar	1-3	C	
Complete 2 courses: Upper Division Design & Production Concentration Elective	6	C	
Upper Division Design & Production Core Course	3	C	
Elective OR THP 484: Internship	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16-18		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	1-3	C	• Transfer students complete one additional hour of elective credit in Term 8 to reach 120 hours because THF 125 Orientation to Film, Dance and Theatre (Term 1) is not required for transfer students.
Upper Division Design & Production Concentration Elective	2-3	C	
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	6		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15-18		

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course (1 course; 3 credits)	Design & Production Concentration Electives (minimum 10 credits)	Upper Division Design & Production Core (Choose 1 course from 4 different categories; 12 credits total)
THE 421: Shakespeare: Stage and Film (L or HU)	FMP 494: Art Direction	**Arts Management:**
THE 422: Latinx Theatre and Film (HU & C)	THE 430: History of Fashion I (HU)	THP 351: Arts Management
THE 423: African American Theatre (C)	THP 317: Stage Management	**Costume Design:**
	THP 330: Costume Design	THP 330: Costume Design
	THP 331: Costume Construction	

THE 426: Pre-Columbian Theatre of the Americas

THE 440: Experimental Theatre and Performance (L)

THP 332: Makeup

THP 335: Advanced Stagecraft

THP 340: Scene Design

THP 344: Hand Drafting for the Live Entertainment

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 394: Pattern Drafting for Theatre

THP 401: Advanced Technical Theatre

THP 401: Costume Construction

THP 401: Lighting, Sound, and Media

THP 401: Stage Management

THP 431: Advanced Costume Construction

THP 435: Technical Direction

THP 440: Advanced Scene Design

THP 441: Scene Painting

THP 442: Rendering for Design and Production

THP 445: Advanced Lighting Design

THP 448: AutoCAD for Live Entertainment

THP 449: AutoCAD 3D for Live Entertainment

THP 450: Theatre Organization and Management

THP 455: Advanced Media Design

THP 457: Digital Portfolio

THP 494: Advanced Lighting Technology

THP 494: CAD Drafting

THP 494: Costume Crafts

THP 494: Costume Design II

THP 494: Lighting III: Practical Skills

THP 494: Materials for the Stage

THP 494: Menswear Patterning & Construction Techniques

THP 494: Properties for the Stage

THP 494: Rigging for the Stage

Costume Technology:

THP 331: Costume Construction

Drawing:

THP 344: Hand Drafting for the Live Entertainment

THP 442: Rendering for Design and Production

Electrics Technology:

THP 494: Sound System Design & Engineering

Lighting Design:

THP 345: Lighting Design

Management:

THP 317: Stage Management

Media Design:

THP 355: Media Design for Performance

Scenic Design:

THP 340: Scene Design

Scenic Technology:

THP 435: Technical Direction

Sound Design:

THP 350: Sound Design

THP 494: Structural and Mechanical Design for the Stage
THP 494: Vectorworks
THP 498: Costume Design
THP 498: Design Practicum
THP 498: Lighting Design
THP 498: Media Design Practicum
THP 498: Props Master
THP 498: Scenic Design
THP 498: Sound Design
THP 498: Stage Management
THP 498: Technical Direction

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Theory and Composition (Composition), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSTCBM

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all first-year students. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MTC 123: Beginning Composition	1	C	
MTC 125: Basic Music Theory	3	C	
MUP 101: The ASU School of Music Experience	1	C	
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 131: Class Piano	1	C	
MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C	
Mathematics (MA)	3		
Term hours subtotal:	15		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 123: Beginning Composition	1	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health.
MTC 221: Music Theory: 18th Century	3	C	
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MUP 132: Class Piano	1	C	
MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal:	14

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 123: Beginning Composition	1	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 222, MUP 231. • Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences. • Develop a network of student performers who can read and perform your works.
MTC 222: Music Theory: 19th Century	3	C	
4** (400-Level) MUP Music Ensemble	1	C	
MUP 231: Class Piano	1	C	
MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete MUP 131.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 44 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 123: Beginning Composition	1	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232.
MTC 223: Music Theory: 20th Century	3	C	
4** (400-Level) MUP Music Ensemble	1	C	
MTC 321: Tonal Counterpoint	2	C	
MUP 232: Class Piano	1	C	
MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete MUP 132.			
Term hours subtotal:	17		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MTC 323: Composition	3	C	• Complete one semester of conducting by end of Term 6; students may choose either MUP 209 or MUP 210. • Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MUP 210.
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 320: Modal Counterpoint	2	C	
MTC 327: Intermediate Form and Analysis	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
4** (400-Level) MUP Music Ensemble	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	2	C	
Complete MUP 231.			
Term hours subtotal:	15		

Term 6 76 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MTC 323: Composition	3	C	• Course offered in spring semester only: MTC 433. • Gather a list of professional references.
MTC 433: Orchestration	3	C	
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
4** (400-Level) MUP Music Ensemble	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Complete MUP 209 OR MUP 210.			
Complete MUP 232.			
Term hours subtotal:	16		

Term 7 92 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MTC 323: Composition	3	C	• Courses offered in fall semester only: MTC 425, MTC 436.
MTC 425: Studies in 20th- and 21st-Century Theory	3	C	
MTC 436: Electronic Studio Techniques I	2	C	
MHL course (L) Upper Division	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MTC 323: Composition	3	C	• Prepare, publicize, and present a public performance.
MTC 495: Final Project	0	Y	
MTC Upper Division Elective	3	C	
Complete 3 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	8-9	C	
Term hours subtotal:	14-15		

Hide Course List(s)/Track Group(s)

4** (400-Level) MUP Ensembles Course List	Upper Division MHL (HU) Through Present Time Course List	Upper Division MHL (HU) Course List
MUP 442: Instrumental Ensembles	MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MUP 443: Choral Ensembles	MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MUP 444: Maroon and Gold Concert Bands	MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MUP 450: Choral Union	MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 455: Arizona Statesmen	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MUP 457: Sol Singers		
MUP 458: ASU Gospel Choir		

MUP 476: New Music Ensemble

MUP 479: Baroque Ensemble

MUP 479: Bass

MUP 479: Brass Chamber Ensembles

MUP 479: Flute Choir

MUP 479: Guitar Ensemble

MUP 479: Piano Ensemble

MUP 479: Piano/String/Woodwind/Brass

MUP 479: Saxophone Choir

MUP 479: Small Saxophone Ensembles

MUP 479: Strings

MUP 479: Trombone Ensemble

MUP 479: Tuba Ensemble

MUP 479: Woodwinds

MUP 485: Percussion Ensemble

MUP 486: Concert Jazz Band

MUP 486: Jazz Repertory Band

MUP 486: Latin Jazz Ensemble

MUP 489: Ethnomusicology Ensembles

MHL 441: Concerts in the 20th Century (HU)

MHL 447: Music and Healing (HU & H & G)

MHL 494: Music and Film

MHL 494: Recycled Music: Medieval to Modern

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 441: Concerts in the 20th Century (HU)

MHL 447: Music and Healing (HU & H & G)

MHL 494: Music and Film

MHL 494: Recycled Music: Medieval to Modern

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Theory and Composition (Theory), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSTTBM

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU.			• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all first-year students. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete a resume in MUP 101.
Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses.			
MTC 125: Basic Music Theory	3	C	
MUP 101: The ASU School of Music Experience	1	C	
MUP 111: Studio Instruction	2	C	
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MTC 221: Music Theory: 18th Century	3	C	• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Career Milestone: Familiarize yourself with information about musicians' health.
MUP 111: Studio Instruction	2	C	
4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MUP 132: Class Piano	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MTC 222: Music Theory: 19th Century	3	C
MUP 111: Studio Instruction	2	C
4** (400-Level) MUP Music Ensemble	1	C
MUP 231: Class Piano	1	C
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Complete Mathematics (MA) requirement.		
Complete MUP 131.		
Complete First-Year Composition requirement.		
Term hours subtotal:	17	

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.
- Select a faculty mentor to guide your degree work.

Term 4 47 - 63 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
MTC 223: Music Theory: 20th Century	3	C	
MUP 111: Studio Instruction	2	C	
4** (400-Level) MUP Music Ensemble	1	C	
MTC 321: Tonal Counterpoint	2	C	
MUP 232: Class Piano	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Natural Science - Quantitative (SQ)	4		
Complete MUP 132.			
Term hours subtotal:	16		

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232.

Term 5 63 - 78 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 320: Modal Counterpoint	2	C	
MTC 327: Intermediate Form and Analysis	3	C	
MTC 425: Studies in 20th- and 21st-Century Theory	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
4** (400-Level) MUP Music Ensemble	1	C	
MTC Upper Division Elective	2-3	C	
Complete MUP 231.			
Term hours subtotal:	15-16		

- Complete one semester of conducting by end of Term 6; students may choose either MUP 209 or MUP 210.
- Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MTC 425, MUP 210.

Term 6 78 - 92 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 428: Advanced Form and Analysis	3	C	
4** (400-Level) MUP Music Ensemble	1	C	
MTC Upper Division Elective	3	C	

- Courses offered in spring semester only: MTC 428 (odd numbered spring semesters only).
- Gather a list of professional references.
- MTC 496 may be taken in Term 6 or Term 7 instead of Term 8. Consult theory faculty to discuss advantages/disadvantages.

MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	1	C
Literacy and Critical Inquiry (L)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★ Complete MUP 209 OR MUP 210.		
★ Complete MUP 232.		
Term hours subtotal:	14	

Term 7 92 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MHL OR MTC Upper Division Elective	3	C	• MHL 438 or MHL 440 (fall only) recommended to complete the Upper Division MHL elective and Upper Division Literacy and Critical Inquiry general studies requirement.
4** (400-Level) MUP Music Ensemble	1	C	
MHL course (L) Upper Division	3	C	
Complete 2 courses: MTC Upper Division Elective	5-6	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	2-3	C	
Term hours subtotal:	14-16		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MTC 496: Theory Project	3	C	• Complete a capstone project.
4** (400-Level) MUP Music Ensemble	1	C	
MTC Upper Division Elective	3	C	
Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	4-5	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	14-15		

Hide Course List(s)/Track Group(s)

4** (400-Level) MUP Ensembles Course List
MUP 442: Instrumental Ensembles
MUP 443: Choral Ensembles
MUP 444: Maroon and Gold Concert Bands
MUP 450: Choral Union
MUP 455: Arizona Statesmen
MUP 457: Sol Singers
MUP 458: ASU Gospel Choir
MUP 476: New Music Ensemble
MUP 479: Baroque Ensemble
MUP 479: Bass

Upper Division MHL (HU) Through Present Time Course List
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 447: Music and Healing (HU & H & G)

Upper Division MHL (HU) Course List
MHL 341: Music History I (HU)
MHL 342: Music History II (HU)
MHL 344: Music in World Cultures (HU & G)
MHL 365: Popular Music and Race ((L or HU) & C)
MHL 394: Music in the Middle East
MHL 440: Topics in 20th-Century Music (L or HU)
MHL 441: Concerts in the 20th Century (HU)
MHL 447: Music and Healing (HU & H & G)

MUP 479: Brass Chamber Ensembles	MHL 494: Music and Film	MHL 494: Music and Film
MUP 479: Clarinet Choir	MHL 494: Recycled Music: Medieval to Modern	MHL 494: Recycled Music: Medieval to Modern
MUP 479: Flute Choir		
MUP 479: Guitar Ensemble		
MUP 479: Piano Ensemble		
MUP 479: Piano/String/Woodwind/Brass		
MUP 479: Saxophone Choir		
MUP 479: Small Saxophone Ensembles		
MUP 479: Strings		
MUP 479: Trombone Ensemble		
MUP 479: Tuba Ensemble		
MUP 479: Woodwinds		
MUP 485: Percussion Ensemble		
MUP 486: Concert Jazz Band		
MUP 486: Jazz Repertory Band		
MUP 486: Latin Jazz Ensemble		
MUP 489: Ethnomusicology Ensembles		

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Aeronautical Management Technology (Air Traffic Management), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESAMTATBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 182: Private Pilot Ground School	3	C	• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Prep for success using the First-Year Student Guide. • Join a Fulton community.
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		
AMT 220: Aviation Meteorology	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 201: Air Traffic Control	3	C	• Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ATC 230: Fundamentals of Air Traffic Management	3	C	• Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.
AMT 222: Instrument Pilot Ground School	3	C	
AMT 280: Aerospace Structures, Materials and Systems	4	C	
PHY 112: General Physics (SQ)	3		
PHY 114: General Physics Laboratory (SQ)	1		
Complete MAT 170 course(s).			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 43 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
AMT 214: Commercial Pilot Ground School	3	C	
AMT 287: Aircraft Powerplants	4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete AMT 222 course(s).			
Term hours subtotal:	16		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 308: Air Transportation (G)	3	C	• Network at student organization competitions or professional societies.
AMT 360: Aircraft Dispatch Ground School	3	C	
AMT 350: Aircraft Design and Logistics Management	4	C	
ATC 331: Tower Operations	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 460: Aircraft Dispatch Capstone	3	C	• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
AMT 396: Aviation Professional	1	C	
AMT 408: National Aviation Policy	3	C	
AMT 442: Aviation Law and Regulations	3	C	
ATC 332: TRACON Operations	3	C	
ATC 431: Tower Operations and Procedures	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ATC 333: En Route Operations	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
AMT 410: Aviation Safety and Human Factors	3	C	
ATC 432: TRACON Operations and Procedures	3	C	
ATC 484: Internship	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ATC 491: Air Traffic Management Capstone	3	C	
AMT 444: Airport Management and Planning	3	C	
ATC 433: En Route Operations and Procedures	3	C	

Upper Division Literacy and Critical Inquiry (L)	3
Elective	2
Term hours subtotal:	14

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Aeronautical Management Technology (Air Transportation Management), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTMBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 182: Private Pilot Ground School	3	C	• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		
AMT 220: Aviation Meteorology	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
AMT 201: Air Traffic Control	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TMC 110: Understanding the Enterprise	3	C	• Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit. • Prep for success using the Sophomore Guide .
AMT 280: Aerospace Structures, Materials and Systems	4	C	
PHY 112: General Physics (SQ)	3		
PHY 114: General Physics Laboratory (SQ)	1		
Social-Behavioral Sciences (SB)	3		

Complete MAT 170 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 43 - 58 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
AMT 287: Aircraft Powerplants	4	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective (HST 319 recommended)	5		
Term hours subtotal:	15		

Term 5 58 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 308: Air Transportation (G)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
TMC 330: Leading the Enterprise	3	C	
AMT 350: Aircraft Design and Logistics Management	4	C	
AMT 442: Aviation Law and Regulations	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TMC 310: Promotion of the Enterprise	3	C	• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
AMT 396: Aviation Professional	1	C	
TMC 410: Enterprise Operations	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 408: National Aviation Policy	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in-person or virtual practice interview.
AMT 410: Aviation Safety and Human Factors	3	C	
AMT 444: Airport Management and Planning	3	C	
OMT 343: Occupational Safety and Ergonomics OR OMT 440: International Business (G) OR OMT 452: Industrial Human Resource Management OR OMT 480: Organizational Effectiveness	3		
TMC 430: Enterprise Strategy and Innovation	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 491: Aviation Management Capstone	3	C	
AMT 456: Organized Labor in Aviation	3	C	

AMT 484: Internship	3	C
AMT 489: Airline Administration	3	C
TMC 470: Enterprise Planning and Implementation	3	C
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Aeronautical Management Technology (Professional Flight), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTFBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 182: Private Pilot Ground School	3	C	• Complete Professional Flight Secondary Application. • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
AMT 220: Aviation Meteorology	3	C	
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		
AMT 105: Flight Operations and Safety I	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Milestone: Complete secondary admission materials.			
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. • Professional Flight students are encouraged to continue to progress in flight courses over the summer session. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
AMT 110: Flight Operations and Safety II	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 28 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 222: Instrument Pilot Ground School	3	C	• Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit. • Prep for success using the Sophomore Guide .
AMT 150: Flight Operations and Safety III	1	C	
AMT 201: Air Traffic Control	3	C	
AMT 280: Aerospace Structures, Materials and Systems	4	C	
PHY 112: General Physics (SQ)	3		

PHY 114: General Physics Laboratory (SQ)	1	
Complete MAT 170 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 43 - 55 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 214: Commercial Pilot Ground School	3	C	• Professional Flight students are encouraged to continue to progress in flight courses over the summer session. • Pursue an undergraduate research experience . • Apply for internships. • Attend career fairs and events.
AMT 205: Flight Operations and Safety IV	1	C	
AMT 286: Multiengine Pilot Ground School	1	C	
AMT 287: Aircraft Powerplants	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	12		

Term 5 55 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 308: Air Transportation (G)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
AMT 210: Flight Operations and Safety V	1	C	
AMT 285: Flight Instructor Ground School	3	C	
AMT 350: Aircraft Design and Logistics Management	4	C	
HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	17		

Term 6 72 - 86 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 382: Air Navigation	3	C	• Professional Flight students are encouraged to continue to progress in flight courses over the summer session. • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
AMT 250: Flight Operations and Safety VI	1	C	
AMT 292: Flight Instructor Instrument Ground School	3	C	
AMT 396: Aviation Professional	1	C	
AMT 442: Aviation Law and Regulations	3	C	
AMT 444: Airport Management and Planning	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 86 - 102 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 482: Airline Instrument Procedures	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
AMT 486: Regional Jet Aircraft Systems	3	C	
AMT 305: Flight Operations and Safety VII	1	C	
AMT 360: Aircraft Dispatch Ground School	3	C	
AMT 408: National Aviation Policy	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

		Minimum	

Term 8 102 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ AMT 490: Regional Jet Operations Capstone	3	C	
AMT 410: Aviation Safety and Human Factors	3	C	
AMT 484: Internship	2	C	
AMT 489: Airline Administration	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective (AMT 310 recommended)	1		
Term hours subtotal:	18		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Aeronautical Management Technology (Unmanned Aerial Systems), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTUASBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 182: Private Pilot Ground School	3	C	• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294: Student Success for Veterans is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions .
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		
AMT 220: Aviation Meteorology	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 170: Introduction to Unmanned Aircraft Systems	3	C	• Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 270: Unmanned Aircraft	3	C	• Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit. • Prep for success using the Sophomore Guide .
AMT 280: Aerospace Structures, Materials and Systems	4	C	
PHY 112: General Physics (SQ)	3		
PHY 114: General Physics Laboratory (SQ)	1		
Social-Behavioral Sciences (SB)	3		
Complete MAT 170 course(s).			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 43 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMT 201: Air Traffic Control	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
AMT 287: Aircraft Powerplants	4	C	
HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 308: Air Transportation (G)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
AMT 350: Aircraft Design and Logistics Management	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective (HST 319 recommended)	6		
Term hours subtotal:	16		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 370: Unmanned Aircraft Systems	3	C	• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
AMT 396: Aviation Professional	1	C	
AMT 442: Aviation Law and Regulations	3	C	
AMT 444: Airport Management and Planning	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 104 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
AMT 408: National Aviation Policy	3	C	
AMT 456: Organized Labor in Aviation	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective (EDP 310 recommended)	1		
Term hours subtotal:	13		

Term 8 104 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade
AMT 495: Unmanned Aircraft Systems Operations	3	C
AMT 410: Aviation Safety and Human Factors	3	C
AMT 484: Internship	3	C
AMT 489: Airline Administration	3	C

Elective	4	
Term hours subtotal:	16	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Aerospace Engineering (Aeronautics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESAEROBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed first semester. Non-first-year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-AEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	

MAT 267: Calculus for Engineers III (MA)	3	C
MAT 275: Modern Differential Equations (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Complete CHM 114 OR CHM 116 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the Sophomore Guide.

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAE 213: Mechanics of Materials	3	C	
MAE 242: Introduction to Fluid Mechanics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AEE 360: Aerodynamics (L)	3	C	• Both AEE 360, AEE 361 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
AEE 361: Aerodynamics Laboratory (L)	1	C	
MAE 241: Introduction to Thermodynamics	3	C	
MAE 301: Applied Experimental Statistics	3	C	
MAE 318: System Dynamics and Control I	4	C	
Term hours subtotal:	14		

Term 6 76 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AEE 313: Aircraft Dynamics and Control	3	C	• Both AEE 360, AEE 361 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
AEE 325: Aerospace Structures and Materials	4	C	
AEE 344: Fundamentals of Aircraft Design	3	C	
AEE 362: High-Speed Aerodynamics (L)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AEE 463: Aircraft Propulsion	3	C	• For additional information about Upper Division Technical Elective course options, please visit: Upper Division Technical Electives • Plan for success using the Senior Guide.
AEE 415: Vibration Analysis	3	C	
MAE 400: Engineering Profession (L)	3	C	
Upper Division Technical Elective	3	C	

Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AEE 468: Aircraft Systems Design	3	C	• For additional information about Upper Division Technical Electives, please visit: Upper Division Technical Electives
AEE 462: Space Vehicle Dynamics and Control	3	C	
Upper Division Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- For additional information about Upper Division Technical Elective options, please visit:ÂUpper Division Technical Electives.

Hide Course List(s)/Track Group(s)

Upper Division Technical Electives
AEE 426: Design of Aerospace Structures
AEE 465: Rocket Propulsion
AEE 466: Rotary Wing Aerodynamics and Performance
AEE 471: Computational Fluid Dynamics
EEE 350: Random Signal Analysis
EEE 407: Digital Signal Processing
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 498: Foundations Machine Learning: From Theory to Pract
MAE 341: Mechanism Analysis and Design
MAE 404: Finite Elements in Engineering
MAE 417: System Dynamics and Control II
MAE 436: Combustion
MAE 455: Polymers and Composites
MAE 460: Applied Computational Fluid Dynamics
MAE 494: Design Optimization
MAE 494: Quantum Mech Eng: SW and HW of Quantum Computers or MSE 494: Quantum Mech Eng: SW and HW of Quantum Computers

MAE 494: Theories and Techniques of Direct CAD Modeling

MEE 323: Computer-Aided Engineering II

MEE 340: Heat Transfer

MEE 351: Manufacturing Processes

MEE 434: Internal Combustion Engines

MEE 440: Renewable Energy: Mechanical Systems

MEE 441: Wind Energy

MEE 472: Intermediate Fluid Mechanics

MEE 482: Intermediate Thermodynamics

SES 494: Modeling and Analysis of Space Thermal Systems

Students may choose no more than one course from the following:

AST 321: Introduction to Planetary and Stellar Astrophysics

AST 322: Introduction to Galactic and Extragalactic Astrophysics

BME 350: Signals and Systems for Bioengineers

CEE 440: Hydrology

CHE 468: Polymer Principles and Processing

CHE 478: Biomass Energy Conversion Technology

CHE 494: Quantum Mechanical Simulations of Chemical Process or MSE 494: Quantum Mechanical Simulations of Chemical Process

CHE 494: Six Sigma Methodology/Engineering Experimentation

CHM 325: Analytical Chemistry

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EGR 317: Humanitarian Engineering Project II

EGR 433: Transforms and Systems Modeling

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

FSE 404: EPICS Gold: EPICS in Action

IEE 300: Economic Analysis for Engineers

MAT 300: Mathematical Structures (L)

MAT 371: Advanced Calculus I

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MSE 330: Thermodynamics of Materials

PHY 310: Classical Particles, Fields, and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 405: Exploration Systems Engineering

SES 407: Space Works II

SES 410: Senior Exploration Project I

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Aerospace Engineering (Astronautics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESAEASBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-AEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering OR SES 100: Introduction to Exploration (CS)	2-3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-17		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	

MAT 267: Calculus for Engineers III (MA)	3	C	• Prep for success using the Sophomore Guide.
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
MAE 214: Computer-Aided Engineering I	1	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
Complete CHM 114 OR CHM 116 course(s).			
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 46 - 62 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAE 213: Mechanics of Materials	3	C	
MAE 242: Introduction to Fluid Mechanics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 79 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
AEE 360: Aerodynamics (L)	3	C	• Both AEE 360, AEE 361 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
AEE 361: Aerodynamics Laboratory (L)	1	C	
MAE 241: Introduction to Thermodynamics	3	C	
MAE 301: Applied Experimental Statistics	3	C	
MAE 318: System Dynamics and Control I	4	C	
EEE 203: Signals and Systems I	3	C	
Term hours subtotal:	17		

Term 6 79 - 93 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
AEE 462: Space Vehicle Dynamics and Control	3	C	• Both AEE 360, AEE 361and AEE 360 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
AEE 325: Aerospace Structures and Materials	4	C	
AEE 362: High-Speed Aerodynamics (L)	4	C	
EEE 350: Random Signal Analysis	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 93 - 108 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
AEE 445: Fundamentals of Spacecraft Design	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in-person or virtual practice interview.
AEE 465: Rocket Propulsion	3	C	
EEE 455: Communication Systems OR EEE 459: Communication Networks	3	C	
MAE 400: Engineering Profession (L)	3	C	

Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AEE 480: Space Systems Design	3	C	• For more information about Technical Electives, please visit: Upper Division Technical Electives.
Upper Division Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	12		

- For more information about Upper Division Technical Elective options, please visit: Upper Division Technical Electives.

Hide Course List(s)/Track Group(s)

Upper Division Technical Elective
AEE 313: Aircraft Dynamics and Control
AEE 344: Fundamentals of Aircraft Design
AEE 415: Vibration Analysis
AEE 426: Design of Aerospace Structures
AEE 463: Aircraft Propulsion
AEE 466: Rotary Wing Aerodynamics and Performance
AEE 471: Computational Fluid Dynamics
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
CHE 468: Polymer Principles and Processing
CHE 478: Biomass Energy Conversion Technology
CHE 494: Quantum Mechanical Simulations of Chemical Process or MSE 494: Quantum Mechanical Simulations of Chemical Process
CHE 494: Six Sigma Methodology/Engineering Experimentation
CHM 325: Analytical Chemistry
EEE 304: Signals and Systems II
EEE 333: Hardware Design Languages and Programmable Logic
EEE 334: Circuits II

EEE 407: Digital Signal Processing

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

EEE 498: Foundations Machine Learning: From Theory to Pract

EGR 317: Humanitarian Engineering Project II

EGR 433: Transforms and Systems Modeling

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

FSE 404: EPICS Gold: EPICS in Action

GLG 404: Fundamentals of Planetary Geology

IEE 300: Economic Analysis for Engineers

MAE 341: Mechanism Analysis and Design

MAE 404: Finite Elements in Engineering

MAE 417: System Dynamics and Control II

MAE 436: Combustion

MAE 455: Polymers and Composites

MAE 460: Applied Computational Fluid Dynamics

MAE 494: Design Optimization

MAE 494: Energy Efficiency

MAE 494: Theories and Techniques of Direct CAD Modeling

MAT 300: Mathematical Structures (L)

MAT 371: Advanced Calculus I

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MEE 323: Computer-Aided Engineering II

MEE 340: Heat Transfer

MEE 351: Manufacturing Processes

MEE 434: Internal Combustion Engines

MEE 440: Renewable Energy: Mechanical Systems

MEE 441: Wind Energy

MEE 472: Intermediate Fluid Mechanics
MEE 482: Intermediate Thermodynamics
MSE 330: Thermodynamics of Materials
MSE 494: Quantum Mech Eng: SW and HW of Quantum Computers or MAE 494: Quantum Mech Eng: SW and HW of Quantum Computers
PHY 310: Classical Particles, Fields, and Matter I
PHY 361: Introductory Modern Physics
SES 311: Essentials of Astrobiology: Exploration for Life in the Universe
SES 350: Engineering Systems and Experimental Problem Solving
SES 405: Exploration Systems Engineering
SES 407: Space Works II
SES 410: Senior Exploration Project I
SES 494: Modeling and Analysis of Space Thermal Systems
By approval only:
MAE 484: Internship
MAE 492: Honors Directed Study
MAE 493: Honors Thesis (L)
MAE 499: Individualized Instruction
*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Aerospace Engineering (Autonomous Vehicle Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESAEAVSBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed the first semester. Non-first-year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-AEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 2.00 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C
MAT 267: Calculus for Engineers III (MA)	3	C
MAT 275: Modern Differential Equations (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Complete CHM 114 OR CHM 116 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the Sophomore Guide.
- Create a technical resume.

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	
MAE 213: Mechanics of Materials	3	C	
MAE 242: Introduction to Fluid Mechanics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

Term 5 62 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AEE 360: Aerodynamics (L)	3	C	
AEE 361: Aerodynamics Laboratory (L)	1	C	
MAE 241: Introduction to Thermodynamics	3	C	
MAE 301: Applied Experimental Statistics	3	C	
MAE 318: System Dynamics and Control I	4	C	
Term hours subtotal:	14		

- Both AEE 360, AEE 361and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.
- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

Term 6 76 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AEE 313: Aircraft Dynamics and Control	3	C	
AEE 325: Aerospace Structures and Materials	4	C	
AEE 362: High-Speed Aerodynamics (L)	4	C	
Upper Division AVS Technical Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

- Both AEE 360, AEE 361and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.
- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AEE 478: Fundamentals of Autonomous Aircraft Systems	3	C	
AEE 463: Aircraft Propulsion	3	C	
MAE 400: Engineering Profession (L)	3	C	

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.

Upper Division AVS Technical Elective	3	C	• Complete an in-person or virtual practice interview.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AEE 479: Design of Autonomous Aircraft Systems	3	C	
AEE 462: Space Vehicle Dynamics and Control	3	C	
Upper Division AVS Technical Elective	3	C	
POS 325: Public Policy Development (SB) OR POS 300: Contemporary Global Controversies (SB & G) OR POS 370: Law and Society (SB) OR PHI 306: Applied Ethics (HU)	3		
Term hours subtotal:	12		

- Track Focus courses are listed below. Students must select 3 courses from the same track.

Hide Course List(s)/Track Group(s)

AVS Technical Elective
EEE 203: Signals and Systems I
EEE 304: Signals and Systems II
EEE 350: Random Signal Analysis
EEE 455: Communication Systems
EEE 459: Communication Networks
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 582: Linear System Theory
MAE 417: System Dynamics and Control II
MAE 451: Applied Machine Learning for Mechanical and Aerospace Engineers
MAE 494: Guidance and Navigation of Aerospace Vehicles
MAE 506: Advanced System Modeling, Dynamics, and Control
By approval only:
MAE 492: Honors Directed Study
MAE 493: Honors Thesis (L)
MAE 499: Individualized Instruction
*Students who do not meet the enrollmet requirements for these courses may be allowed to enroll with instructor consent. Courses not

listed here require a program petition. To take any 494 class, please check with your advisor first.

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Aviation), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTABAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 308: Air Transportation (G)	3	C	• If MA requirement not already met with AAS degree, ASC 315 is recommended. If MA requirement already met with AAS degree, student should take an upper-division elective. • If SQ requirement not already met with AAS degree, ASC 325 is recommended. If SQ requirement already met with AAS degree, student should take an upper-division elective. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
AMT Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective (ASC 315 OR ASC 325 recommended)	10		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 442: Aviation Law and Regulations	3	C	• If following the UAS focus area, students must first meet the prerequisites of AMT 170 and AMT 270. • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
AMT 396: Aviation Professional	1	C	
Upper Division Focus Area	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	1		
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 408: National Aviation Policy	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Focus Area	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 489: Airline Administration	3	C	
Upper Division Focus Area	3	C	
AMT Upper Division Elective	3	C	
Upper Division Elective (HST 319 recommended)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Management Focus Area	Unmanned Aerial Systems Focus Area
AMT 491: Aviation Management Capstone	AMT 370: Unmanned Aircraft Systems
TMC 330: Leading the Enterprise	AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations
TMC 470: Enterprise Planning and Implementation	AMT 495: Unmanned Aircraft Systems Operations

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Graphic Information Technology), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSGITBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 340: Information Design and Usability	3		• Select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper division). Focus areas are listed below. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
Focus Area	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 303: Digital Publishing	3		• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
GIT 314: Multimedia Design, Planning and Storyboards	3		
Focus Area	3		
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide.
GIT 480: Senior Project	3		

Upper Division Focus Area	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ GIT 413: Professional Portfolio Design and Presentation	3		
GIT 432: Graphic Industry Business Practices	3		
Upper Division Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3		
Term hours subtotal:	15		

- Students in the BAS Graphic Information Technology program select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Commercial Photography and Video
GIT 334: Image Editing and Manipulation
GIT 415: Advanced Digital Video Techniques
GIT 445: 360 Production
GIT 490: Advanced Commercial Photography
GIT 494: Special Topics

Digital Design, Print, and Publishing
GIT 230: Digital Illustration in Publishing
GIT 250: Introduction to Commercial Print
GIT 333: Printing Technology
GIT 334: Image Editing and Manipulation
GIT 437: Color Reproduction Systems
GIT 494: Special Topics
TWC 411: Principles of Visual Communication (L)

Front-End Web Development
GIT 215: Introduction to Web Authoring
GIT 337: Web Content Design
GIT 414: Web Site Design and Internet/Web Technologies
GIT 417: Advanced Web Markup and Scripting
GIT 418: Multimedia Authoring, Scripting and Production

Interaction Design
GIT 402: New Media Internet Technologies
GIT 435: Website and E-Commerce Strategies
GIT 494: Cross-Media Design Solutions
GIT 494: Special Topics

Motion Graphics/Visual Effects
GIT 211: Introduction to Video Game Art
GIT 230: Digital Illustration in Publishing
GIT 312: 3-D Computer Graphics Modeling and Representation (CS)
GIT 334: Image Editing and Manipulation
GIT 411: Computer Animation
GIT 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Graphic Information Technology), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
TSGITBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ GIT 340: Information Design and Usability	3		• Select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper division). Focus areas are listed below. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 315: Digital Video Techniques	3		
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
GIT 384: Commercial Photography	3		
Focus Area	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ GIT 303: Digital Publishing	3		• Research and prepare for graduate school . • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
Focus Area	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**

GIT 314: Multimedia Design, Planning and Storyboards	3	
Any needed lower division General Studies requirement OR Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Focus Area	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
GIT 480: Senior Project	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		
Upper Division Focus Area	3		
Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

- Students in the BAS Graphic Information Technology program select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Commercial Photography and Video	Digital Design, Print, and Publishing	Front-End Web Development
GIT 334: Image Editing and Manipulation	GIT 230: Digital Illustration in Publishing	GIT 215: Introduction to Web Authoring
GIT 415: Advanced Digital Video Techniques	GIT 250: Introduction to Commercial Print	GIT 337: Web Content Design
GIT 445: 360 Production	GIT 333: Printing Technology	GIT 414: Web Site Design and Internet/Web Technologies
GIT 490: Advanced Commercial Photography	GIT 334: Image Editing and Manipulation	GIT 417: Advanced Web Markup and Scripting
GIT 494: Special Topics	GIT 437: Color Reproduction Systems	
	GIT 494: Special Topics	

	TWC 411: Principles of Visual Communication (L)	GIT 418: Multimedia Authoring, Scripting and Production
Interaction Design	Motion Graphics/Visual Effects	
GIT 402: New Media Internet Technologies	GIT 211: Introduction to Video Game Art	
GIT 435: Website and E-Commerce Strategies	GIT 230: Digital Illustration in Publishing	
GIT 494: Cross-Media Design Solutions	GIT 312: 3-D Computer Graphics Modeling and Representation (CS)	
GIT 494: Special Topics	GIT 334: Image Editing and Manipulation	
	GIT 411: Computer Animation	
	GIT 494: Special Topics	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Internet and Web Development), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSIWDBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 215: Introduction to Web Authoring	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 334: Image Editing and Manipulation	3	C	
GIT 340: Information Design and Usability	3		
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 337: Web Content Design	3		• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 417: Advanced Web Markup and Scripting	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
★ GIT 480: Senior Project	3		
GIT 414: Web Site Design and Internet/Web Technologies	3		

GIT 450: Digital Workflow in Graphic Industries	3		• Complete an in person or virtual practice interview.
Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		
GIT 432: Graphic Industry Business Practices	3		
GIT 435: Website and E-Commerce Strategies	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Internet and Web Development), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
TSIWDBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ GIT 215: Introduction to Web Authoring	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
GIT 334: Image Editing and Manipulation	3	C	
GIT 340: Information Design and Usability	3		
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ GIT 337: Web Content Design	3		• Research and prepare for graduate school . • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
Any needed lower division General Studies requirement OR Elective	3		
Complete 2 courses: Upper Division Elective	6		

Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	9	

Term 7 - A 90 - 96 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 480: Senior Project	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
GIT 414: Web Site Design and Internet/Web Technologies	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 417: Advanced Web Markup and Scripting	3	C	
GIT 450: Digital Workflow in Graphic Industries	3		
Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 413: Professional Portfolio Design and Presentation	3		
GIT 435: Website and E-Commerce Strategies	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Operations Management), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total).Â Students should work with their academic advisor to ensure their courses will meet degree requirements.

Applicable Community College Prerequisites 0 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ STS 401: Statistics in Science and Technology Studies (CS)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
★ TMC 110: Understanding the Enterprise	3	C	
TEM 431: Innovation Management	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TMC 330: Leading the Enterprise	3	C	• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
Complete 2 courses: Upper Division Focus Area Course	6	C	
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 410: Enterprise Operations	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
TMC 430: Enterprise Strategy and Innovation	3	C	
TMC 470: Enterprise Planning and Implementation	3	C	
Focus Area Course	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 498: Pro-Seminar (L)	3	C	
OMT 430: Ethical Issues in Technology	3	C	
Complete 2 courses: Upper Division Focus Area Course	6	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

- Students in this program select a focus area consisting of 15 hours of focused courses (minimum of 12 hours upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

Hide Course List(s)/Track Group(s)

Process Innovation
OMT 343: Occupational Safety and Ergonomics
OMT 402: Legal Issues for Technologists
TEM 230: Creativity and Business Innovation
TEM 250: Design Methodology
TEM 481: Consulting Project
TEM 494: Special Topics
TMC 331: Quality Assurance

Technology Entrepreneurship
FSE 301: Entrepreneurship and Value Creation
OMT 343: Occupational Safety and Ergonomics
OMT 402: Legal Issues for Technologists
TEM 200: My Technology Venture
TEM 230: Creativity and Business Innovation
TEM 250: Design Methodology
TEM 311: Opportunity Analysis
TEM 400: Technology Entrepreneurship
TEM 481: Consulting Project
TEM 494: Special Topics

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Operations Management), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

Applicable Community College Prerequisites 0 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TMC 110: Understanding the Enterprise	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ STS 401: Statistics in Science and Technology Studies (CS)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
TEM 431: Innovation Management	3		
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TMC 330: Leading the Enterprise	3	C	
Focus Area Course	3	C	
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**

Upper Division Focus Area Course	3	C
Upper Division Elective	3	
Any needed lower division General Studies requirement OR Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	9	

- Select a focus area consisting of 15 hours of focused courses (minimum 12 hours of upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.
- Research and prepare for graduate school.
- Apply for a Fulton Schools 4+1 program.
- Develop a professional profile online.

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 410: Enterprise Operations	3	C	
Upper Division Focus Area Course	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
TMC 430: Enterprise Strategy and Innovation	3	C	
TMC 470: Enterprise Planning and Implementation	3	C	
Term hours subtotal:	6		

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 498: Pro-Seminar (L)	3	C	
Upper Division Focus Area Course	3	C	
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
OMT 430: Ethical Issues in Technology	3	C	
Upper Division Focus Area Course	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

- Students in this program select a focus area consisting of 15 hours of focused courses (minimum of 12 hours upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

Hide Course List(s)/Track Group(s)

Process Innovation	Technology Entrepreneurship
OMT 343: Occupational Safety and Ergonomics	FSE 301: Entrepreneurship and Value Creation
OMT 402: Legal Issues for Technologists	OMT 343: Occupational Safety and Ergonomics

TEM 230: Creativity and Business Innovation	OMT 402: Legal Issues for Technologists
TEM 250: Design Methodology	TEM 200: My Technology Venture
TEM 481: Consulting Project	TEM 230: Creativity and Business Innovation
TEM 494: Special Topics	TEM 250: Design Methodology
TMC 331: Quality Assurance	TEM 311: Opportunity Analysis
	TEM 400: Technology Entrepreneurship
	TEM 481: Consulting Project
	TEM 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biomedical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESBMEBSE

ASU is not currently accepting applications for this program. Students are advised to apply directly to either the biological devices or the biomedical devices concentration.

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-BME: The ASU Experience	1	C	• ASU 101 or college specific equivalent First-Year Seminar required of all students. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
CHM 114: General Chemistry for Engineers (SQ)	4	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
BME 100: Introduction to Biomedical Engineering	3	C	
BME 182: Biomedical Engineering Product Design and Development I	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
BME 122: Statistics for Biomedical Engineers	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete BME 100.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAT 267: Calculus for Engineers III (MA)	3	C	• Prep for success using the Sophomore Guide.
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
BME 213: Biomedical and Bioengineering Ethics	1	C	
BME 214: FDA Regulatory Processes and Technical Communications	1	C	
BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS)	3	C	
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 46 - 61 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
BME 200: Conservation Principles in Biomedical Engineering	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAT 275: Modern Differential Equations (MA)	3	C	
BME 235: Physiology for Engineers	4	C	
BME 282: Biomedical Engineering Product Design and Development II	1	C	
EEE 202: Circuits I	4	C	
Term hours subtotal:	15		

Term 5 61 - 77 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track	3-4	C	• Select courses from the Biomedical Devices Track OR the Biological Devices Track (required courses listed in track groups on bottom of the major map; must complete all courses within one track). • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
BME 301: Numerical Methods in Biomedical Engineering	2	C	
BME 318: Biomaterials	4	C	
BME 331: Transport Phenomena for Biomedical Engineering	3	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Term hours subtotal:	16-17		

Term 6 77 - 93 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track	3	C	• Select courses from the Biomedical Devices Track OR the Biological Devices Track (required courses listed in track groups on bottom of the major map; must complete all courses within one track). • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. • The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.
BME 300: Bioengineering Product Design	3	C	
BME 316: Biomechanics for Biomedical Engineers	3	C	
BME 340: Thermodynamics for Biomedical Engineers	3	C	
BME 382: Biomedical Engineering Product Design and Development III	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

		Minimum	

Term 7 93 - 107 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ BME 417: Biomedical Engineering Capstone Design I (L)	4	C	• Select courses from the Biomedical Devices Track OR the Biological Devices Track (required courses listed in track groups on bottom of the major map; must complete all courses within one track). • Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. • The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.
★ Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track	4-3	C	
Upper Division Related Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14-13		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BME 490: Biomedical Engineering Capstone Design II (L)	4	C	• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map. • The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.
Upper Division Related Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Biomedical Devices Track
BME 350: Signals and Systems for Bioengineers
BME 370: Microcomputer Applications in Biomedical Engineering
BME 413: Biomedical Instrumentation (L) AND BME 423: Biomedical Instrumentation Laboratory (L)

Biological Devices Track
BIO 353: Cell Biology AND BME 362: Methods in Molecular and Cellular Biology
BME 360: Control in Biological Systems
BME 467: Tissue Engineering and Regenerative Medicine

Upper Division Related Electives
ACC 382: Accounting and Financial Analysis
BCH 361: Advanced Principles of Biochemistry
BCH 367: Elementary Biochemistry Laboratory
BCH 461: General Biochemistry
BCH 462: General Biochemistry
BCH 467: Analytical Biochemistry Laboratory (L)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)

BIO 331: Animal Behavior

BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)

BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins

BIO 345: Evolution

BIO 360: Animal Physiology

BIO 440: Functional Genomics or MBB 440: Functional Genomics

BIO 467: Neurobiology

BME 394: Honors Research

BME 394: SBHSE Research Projects

BME 492: Honors Directed Study

BME 493: Honors Thesis (L)

BMI 311: Modeling Biomedical Knowledge

BMI 465: Introduction to Comparative Genomics

BUA 380: Small Business Leadership

BUA 381: Small Business Accounting and Finance

BUA 383: Small Business Working Relationships

BUS 384: Business Operations and Planning

CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)

CHE 475: Biochemical Engineering

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

CHM 326: Advanced Analytical Chemistry Laboratory

CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus

CIS 300: Web Design and Development

COM 312: Communication, Conflict, and Negotiation

CSE 310: Data Structures and Algorithms

CSE 340: Principles of Programming Languages
CSE 412: Database Management
DAT 301: Exploring Data in R and Python
ECN 306: Survey of International Economics (SB & G)

Upper Division Related Electives continued
EDP 310: Developing as a Leader (SB)
EDP 310: Emotional Intelligence (SB)
EDP 310: Gender Development (SB)
EDP 310: Learning and Memory (SB)
EDP 310: Motivation (SB)
EDP 310: Understanding the Brain (SB)
EEE 307: Signal Processing for Digital Culture
EEE 334: Circuits II
EEE 350: Random Signal Analysis
EEE 352: Properties of Electronic Materials
EEE 407: Digital Signal Processing
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
ENT 305: Principles of Entrepreneurship
FIN 300: Fundamentals of Finance
FIN 380: Personal Financial Management
FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation
HCR 350: Introduction to Clinical Research
IEE 300: Economic Analysis for Engineers
IEE 320: Extreme Excel
IEE 369: Work Analysis and Design (L)
IEE 381: Lean Six Sigma Methodology
IEE 431: Engineering Administration (L)
IND 464: Collaborative Design Development I (L)
IND 465: Collaborative Design Development II (L)

Upper Division Related Electives, continued
MEE 322: Structural Mechanics
MEE 340: Heat Transfer
MGT 300: Organization and Management Leadership
MGT 302: Principles of International Business (G)
MGT 380: Management and Strategy for Nonmajors
MIC 314: HIV/AIDS: Science, Behavior, and Society
MIC 360: Bacterial Physiology
MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations
MKT 300: Marketing and Business Performance
MKT 370: Professional Sales and Relationship Management
MKT 390: Essentials of Marketing
MKT 391: Essentials of Selling
MSE 301: Materials and Civilization
MSE 330: Thermodynamics of Materials
MSE 335: Materials Kinetics
MSE 355: Structure and Defects
MSE 356: Thin Film and Microelectronic Devices Lab
MSE 415: Mathematical and Computer Methods in Materials (CS)
MSE 420: Advanced Metallurgical Alloys and Processes
MSE 421: Physical Metallurgy Laboratory
MSE 440: Mechanical Behavior of Materials

- KIN 334: Functional Anatomy and Kinesiology
- KIN 340: Physiology of Exercise
- KIN 412: Biomechanics of the Skeletal System
- KIN 413: Qualitative Analysis in Sport Biomechanics
- KIN 414: Electromyographic Kinesiology (L)
- KIN 440: Exercise Biochemistry
- LES 305: Business Law and Ethics for Managers
- LES 380: Consumer Perspective of Business Law
- LSC 347: Fundamentals of Genetics
- MAE 318: System Dynamics and Control I
- MAE 341: Mechanism Analysis and Design
- MAE 417: System Dynamics and Control II
- MAT 300: Mathematical Structures (L)
- MAT 310: Introduction to Geometry
- MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra
- MAT 451: Mathematical Modeling (CS)
- MAT 460: Vector Calculus
- MAT 462: Applied Partial Differential Equations
- MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)
- MSE 442: Fatigue, Fracture, and Creep of Materials
- MSE 450: Introduction to Materials Characterization
- MSE 451: Nanomaterials and Electronics Characterization Lab
- MSE 458: Electronic, Magnetic, and Optical Properties
- MSE 460: Nanomaterials in Energy Production and Storage
- MSE 470: Polymers and Composites
- MSE 471: Introduction to Ceramics
- MSE 482: Materials Engineering Design (L)
- NTR 457: Sports Nutrition
- PAF 301: Applied Statistics (CS)
- PAF 410: Building Leadership Skills (SB)
- PHI 306: Applied Ethics (HU)
- PHI 313: Probability, Evidence, and Decision
- PHY 361: Introductory Modern Physics
- PSY 325: Physiological Psychology
- PSY 470: Psychopharmacology
- SCM 300: Global Supply Operations
- SOC 334: Technology and Society (L or SB)
- STP 420: Introductory Applied Statistics (CS)
- STP 421: Probability
- STP 429: Applied Regression (CS)
- STS 304: Science, Technology and Society (SB)
- STS 332: Global Issues in Science and Technology (SB)
- TEM 330: Systems Innovation
- TWC 446: Technical and Scientific Reports (L)
- TWC 451: Copyright and Intellectual Property in the Electronic Age

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biomedical Engineering (Biological Devices), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESBMEBDBSE

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-BME: The ASU Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
CHM 114: General Chemistry for Engineers (SQ)	4	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
BME 100: Introduction to Biomedical Engineering	3	C	
BME 182: Biomedical Engineering Product Design and Development I	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
BME 122: Statistics for Biomedical Engineers	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete BME 100 course(s).			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• Prep for success using the Sophomore Guide.
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	

BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS)	3	C
BME 213: Biomedical and Bioengineering Ethics	1	C
BME 214: FDA Regulatory Processes and Technical Communications	1	C
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 275: Modern Differential Equations (MA)	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
BME 200: Conservation Principles in Biomedical Engineering	3	C	
BME 235: Physiology for Engineers	4	C	
BME 282: Biomedical Engineering Product Design and Development II	1	C	
EEE 202: Circuits I	4	C	
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 353: Cell Biology	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
BME 362: Methods in Molecular and Cellular Biology	1	C	
BME 318: Biomaterials	4	C	
BME 331: Transport Phenomena for Biomedical Engineering	3	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 360: Control in Biological Systems	3	C	• Research and prepare for graduate school . • Apply for an engineering 4+1 program. • Develop a professional profile online.
BME 300: Bioengineering Product Design	3	C	
BME 301: Numerical Methods in Biomedical Engineering	2	C	
BME 316: Biomechanics for Biomedical Engineers	3	C	
BME 340: Thermodynamics for Biomedical Engineers	3	C	
BME 382: Biomedical Engineering Product Design and Development III	1	C	
Term hours subtotal:	15		

Term 7 91 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 417: Biomedical Engineering Capstone Design I (L)	4	C	• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map. • The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined
BME 467: Tissue Engineering and Regenerative Medicine	3	C	
Upper Division Related Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Historical Awareness (H) course(s).		
Term hours subtotal:	16	

on the major map. By the end of term 8, all must be completed; however, the combinations may vary.

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BME 490: Biomedical Engineering Capstone Design II (L)	4	C	• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map. • The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.
Upper Division Related Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Upper Division Related Electives
ACC 382: Accounting and Financial Analysis
BCH 361: Advanced Principles of Biochemistry
BCH 367: Elementary Biochemistry Laboratory
BCH 461: General Biochemistry
BCH 462: General Biochemistry
BCH 467: Analytical Biochemistry Laboratory (L)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 331: Animal Behavior
BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
BIO 345: Evolution
BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)
BIO 360: Animal Physiology

Upper Division Related Electives continued
EDP 310: Developing as a Leader (SB)
EDP 310: Emotional Intelligence (SB)
EDP 310: Gender Development (SB)
EDP 310: Learning and Memory (SB)
EDP 310: Motivation (SB)
EDP 310: Understanding the Brain (SB)
EEE 307: Signal Processing for Digital Culture
EEE 334: Circuits II
EEE 350: Random Signal Analysis
EEE 352: Properties of Electronic Materials
EEE 407: Digital Signal Processing
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
ENT 305: Principles of Entrepreneurship
FIN 300: Fundamentals of Finance
FIN 380: Personal Financial Management
FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation

Upper Division Related Electives, continued
MEE 322: Structural Mechanics
MEE 340: Heat Transfer
MGT 300: Organization and Management Leadership
MGT 302: Principles of International Business (G)
MGT 380: Management and Strategy for Nonmajors
MIC 314: HIV/AIDS: Science, Behavior, and Society
MIC 360: Bacterial Physiology
MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations
MKT 300: Marketing and Business Performance
MKT 370: Professional Sales and Relationship Management
MKT 390: Essentials of Marketing
MKT 391: Essentials of Selling
MSE 301: Materials and Civilization

BIO 440: Functional Genomics or MBB 440: Functional Genomics

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 467: Neurobiology

BME 394: Honors Research

BME 394: SBHSE Research Projects

BME 492: Honors Directed Study

BME 493: Honors Thesis (L)

BMI 311: Modeling Biomedical Knowledge

BMI 465: Introduction to Comparative Genomics

BUA 380: Small Business Leadership

BUA 381: Small Business Accounting and Finance

BUA 383: Small Business Working Relationships

BUS 384: Business Operations and Planning

CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)

CHE 475: Biochemical Engineering

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

CHM 326: Advanced Analytical Chemistry Laboratory

CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus

CIS 300: Web Design and Development

COM 312: Communication, Conflict, and Negotiation

CSE 310: Data Structures and Algorithms

CSE 340: Principles of Programming Languages

CSE 412: Database Management

DAT 301: Exploring Data in R and Python

ECN 306: Survey of International Economics (SB & G)

HCR 350: Introduction to Clinical Research

IEE 300: Economic Analysis for Engineers

IEE 320: Extreme Excel

IEE 369: Work Analysis and Design (L)

IEE 381: Lean Six Sigma Methodology

IEE 431: Engineering Administration (L)

IND 464: Collaborative Design Development I (L)

IND 465: Collaborative Design Development II (L)

KIN 334: Functional Anatomy and Kinesiology

KIN 340: Physiology of Exercise

KIN 412: Biomechanics of the Skeletal System

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 440: Exercise Biochemistry

LES 305: Business Law and Ethics for Managers

LES 380: Consumer Perspective of Business Law

LSC 347: Fundamentals of Genetics

MAE 318: System Dynamics and Control I

MAE 341: Mechanism Analysis and Design

MAE 417: System Dynamics and Control II

MAT 300: Mathematical Structures (L)

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra

MAT 451: Mathematical Modeling (CS)

MAT 460: Vector Calculus

MAT 462: Applied Partial Differential Equations

MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)

MSE 330: Thermodynamics of Materials

MSE 335: Materials Kinetics

MSE 355: Structure and Defects

MSE 356: Thin Film and Microelectronic Devices Lab

MSE 415: Mathematical and Computer Methods in Materials (CS)

MSE 420: Advanced Metallurgical Alloys and Processes

MSE 421: Physical Metallurgy Laboratory

MSE 440: Mechanical Behavior of Materials

MSE 442: Fatigue, Fracture, and Creep of Materials

MSE 450: Introduction to Materials Characterization

MSE 451: Nanomaterials and Electronics Characterization Lab

MSE 458: Electronic, Magnetic, and Optical Properties

MSE 460: Nanomaterials in Energy Production and Storage

MSE 470: Polymers and Composites

MSE 471: Introduction to Ceramics

MSE 482: Materials Engineering Design (L)

NTR 457: Sports Nutrition

PAF 301: Applied Statistics (CS)

PAF 410: Building Leadership Skills (SB)

PHI 306: Applied Ethics (HU)

PHI 313: Probability, Evidence, and Decision

PHY 361: Introductory Modern Physics

PSY 325: Physiological Psychology

PSY 470: Psychopharmacology

SCM 300: Global Supply Operations

SOC 334: Technology and Society (L or SB)

STP 420: Introductory Applied Statistics (CS)

STP 421: Probability

STP 429: Applied Regression (CS)

STS 304: Science, Technology and Society (SB)

STS 332: Global Issues in Science and Technology (SB)

TEM 330: Systems Innovation

TWC 446: Technical and Scientific Reports (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biomedical Engineering (Biomedical Devices), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESBMEMDBSE

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-BME: The ASU Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all students. • If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
CHM 114: General Chemistry for Engineers (SQ)	4	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
BME 100: Introduction to Biomedical Engineering	3	C	
BME 182: Biomedical Engineering Product Design and Development I	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
BME 122: Statistics for Biomedical Engineers	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete BME 100 course(s).			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• Prep for success using the Sophomore Guide.
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	

BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS)	3	C
BME 213: Biomedical and Bioengineering Ethics	1	C
BME 214: FDA Regulatory Processes and Technical Communications	1	C
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BME 200: Conservation Principles in Biomedical Engineering	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAT 275: Modern Differential Equations (MA)	3	C	
BME 235: Physiology for Engineers	4	C	
BME 282: Biomedical Engineering Product Design and Development II	1	C	
EEE 202: Circuits I	4	C	
Term hours subtotal:	15		

Term 5 61 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 350: Signals and Systems for Bioengineers	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
BME 301: Numerical Methods in Biomedical Engineering	2	C	
BME 316: Biomechanics for Biomedical Engineers	3	C	
BME 331: Transport Phenomena for Biomedical Engineering	3	C	
BME 382: Biomedical Engineering Product Design and Development III	1	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Term hours subtotal:	16		

Term 6 77 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 370: Microcomputer Applications in Biomedical Engineering	3	C	• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
BME 300: Bioengineering Product Design	3	C	
BME 318: Biomaterials	4	C	
BME 340: Thermodynamics for Biomedical Engineers	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 7 93 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 417: Biomedical Engineering Capstone Design I (L)	4	C	• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map. • The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined
BME 413: Biomedical Instrumentation (L)	3	C	
BME 423: Biomedical Instrumentation Laboratory (L)	1	C	
Upper Division Related Elective	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	14	

on the major map. By the end of term 8, all must be completed; however, the combinations may vary.

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BME 490: Biomedical Engineering Capstone Design II (L)	4	C	• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map. • The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.
Upper Division Related Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Upper Division Related Electives
ACC 382: Accounting and Financial Analysis
BCH 361: Advanced Principles of Biochemistry
BCH 367: Elementary Biochemistry Laboratory
BCH 461: General Biochemistry
BCH 462: General Biochemistry
BCH 467: Analytical Biochemistry Laboratory (L)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 331: Animal Behavior
BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
BIO 345: Evolution
BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)
BIO 360: Animal Physiology

Upper Division Related Electives continued
EDP 310: Developing as a Leader (SB)
EDP 310: Emotional Intelligence (SB)
EDP 310: Gender Development (SB)
EDP 310: Learning and Memory (SB)
EDP 310: Motivation (SB)
EDP 310: Understanding the Brain (SB)
EEE 307: Signal Processing for Digital Culture
EEE 334: Circuits II
EEE 350: Random Signal Analysis
EEE 352: Properties of Electronic Materials
EEE 407: Digital Signal Processing
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
ENT 305: Principles of Entrepreneurship
FIN 300: Fundamentals of Finance
FIN 380: Personal Financial Management
FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation

Upper Division Related Electives, continued
MEE 322: Structural Mechanics
MEE 340: Heat Transfer
MGT 300: Organization and Management Leadership
MGT 302: Principles of International Business (G)
MGT 380: Management and Strategy for Nonmajors
MIC 314: HIV/AIDS: Science, Behavior, and Society
MIC 360: Bacterial Physiology
MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations
MKT 300: Marketing and Business Performance
MKT 370: Professional Sales and Relationship Management
MKT 390: Essentials of Marketing
MKT 391: Essentials of Selling
MSE 301: Materials and Civilization

BIO 440: Functional Genomics or MBB 440: Functional Genomics

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 467: Neurobiology

BME 394: Honors Research

BME 394: SBHSE Research Projects

BME 492: Honors Directed Study

BME 493: Honors Thesis (L)

BMI 311: Modeling Biomedical Knowledge

BMI 465: Introduction to Comparative Genomics

BUA 380: Small Business Leadership

BUA 381: Small Business Accounting and Finance

BUA 383: Small Business Working Relationships

BUS 384: Business Operations and Planning

CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)

CHE 475: Biochemical Engineering

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

CHM 326: Advanced Analytical Chemistry Laboratory

CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus

CIS 300: Web Design and Development

COM 312: Communication, Conflict, and Negotiation

CSE 310: Data Structures and Algorithms

CSE 340: Principles of Programming Languages

CSE 412: Database Management

DAT 301: Exploring Data in R and Python

ECN 306: Survey of International Economics (SB & G)

HCR 350: Introduction to Clinical Research

IEE 300: Economic Analysis for Engineers

IEE 320: Extreme Excel

IEE 369: Work Analysis and Design (L)

IEE 381: Lean Six Sigma Methodology

IEE 431: Engineering Administration (L)

IND 464: Collaborative Design Development I (L)

IND 465: Collaborative Design Development II (L)

KIN 334: Functional Anatomy and Kinesiology

KIN 340: Physiology of Exercise

KIN 412: Biomechanics of the Skeletal System

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 440: Exercise Biochemistry

LES 305: Business Law and Ethics for Managers

LES 380: Consumer Perspective of Business Law

LSC 347: Fundamentals of Genetics

MAE 318: System Dynamics and Control I

MAE 341: Mechanism Analysis and Design

MAE 417: System Dynamics and Control II

MAT 300: Mathematical Structures (L)

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra

MAT 451: Mathematical Modeling (CS)

MAT 460: Vector Calculus

MAT 462: Applied Partial Differential Equations

MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)

MSE 330: Thermodynamics of Materials

MSE 335: Materials Kinetics

MSE 355: Structure and Defects

MSE 356: Thin Film and Microelectronic Devices Lab

MSE 415: Mathematical and Computer Methods in Materials (CS)

MSE 420: Advanced Metallurgical Alloys and Processes

MSE 421: Physical Metallurgy Laboratory

MSE 440: Mechanical Behavior of Materials

MSE 442: Fatigue, Fracture, and Creep of Materials

MSE 450: Introduction to Materials Characterization

MSE 451: Nanomaterials and Electronics Characterization Lab

MSE 458: Electronic, Magnetic, and Optical Properties

MSE 460: Nanomaterials in Energy Production and Storage

MSE 470: Polymers and Composites

MSE 471: Introduction to Ceramics

MSE 482: Materials Engineering Design (L)

NTR 457: Sports Nutrition

PAF 301: Applied Statistics (CS)

PAF 410: Building Leadership Skills (SB)

PHI 306: Applied Ethics (HU)

PHI 313: Probability, Evidence, and Decision

PHY 361: Introductory Modern Physics

PSY 325: Physiological Psychology

PSY 470: Psychopharmacology

SCM 300: Global Supply Operations

SOC 334: Technology and Society (L or SB)

STP 420: Introductory Applied Statistics (CS)

STP 421: Probability

STP 429: Applied Regression (CS)

STS 304: Science, Technology and Society (SB)

STS 332: Global Issues in Science and Technology (SB)

TEM 330: Systems Innovation

TWC 446: Technical and Scientific Reports (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Chemical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCHEBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed the first semester. Non-first-year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-CHE: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHE 211: Introduction to Chemical Processing	3	C	• For more information about Bioscience Elective course options, please visit here.
MAT 242: Elementary Linear Algebra	2	C	

MAT 267: Calculus for Engineers III (MA)	3	C
CHM 233: General Organic Chemistry I	3	C
CHM 237: General Organic Chemistry Laboratory I	1	C
Bioscience Elective	3	
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

- Prep for success using the Sophomore Guide.

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade
CHE 231: Introduction to Transport Phenomena I: Fluids	3	C
MAT 275: Modern Differential Equations (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
CHM 234: General Organic Chemistry II	3	C
Engineering Elective	3	
Term hours subtotal:	15	

- For more information about the Engineering Elective, please visit here.
- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade
CHE 334: Introduction to Transport Phenomena II: Heat and Mass Transfer	3	C
CHE 342: Introduction to Applied Chemical Thermodynamics	3	C
CHE 384: Numerical Methods for Chemical Engineers (CS)	3	C
Upper Division Advanced Chemistry/Biochemistry Technical Elective	3	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Term hours subtotal:	15	

- For more information about the Upper Division Advanced Chemistry/Biochemistry Technical Elective, please visit here.
- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade
CHE 433: Modern Separations	3	C
CHE 442: Introduction to Chemical Reactor Design	3	C
CHE 352: Chemical Engineering Lab I (L)	3	C
IEE 300: Economic Analysis for Engineers	3	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade
CHE 432: Principles of Chemical Engineering Design	3	C
CHE 451: Chemical Engineering Laboratory II	3	
CHE 461: Process Dynamic Control (CS)	3	
Upper Division CHE Technical Elective	3	
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- For more information about Upper Division CHE Technical Electives, please visit here.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHE 462: Process Design (L)	3		• For more information about Upper Division Advanced Chemistry/Biochemistry Technical Electives, Upper Division CHE Technical Electives, and Upper Division Natural Science or Materials Science Technical Electives, please visit: CHE Elective Course Options
Upper Division Advanced Chemistry/Biochemistry Technical Elective	3		
Upper Division CHE Technical Elective	3		
Upper Division Natural Science or Materials Science Technical Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

- For a list of Engineering Electives, Upper Division Advanced Chemistry/Biochemistry Technical Electives, CHE Upper Division Technical Electives, and Upper Division Natural Science or MSE Technical Elective course options please visit: CHE Elective Course Options.

Hide Course List(s)/Track Group(s)

Bioscience Electives
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
BME 111: Engineering Perspectives on Biological Systems
BME 494: Chimeras and Recombinant Organisms in Medicine
MIC 205: Microbiology (SG)
MIC 220: Biology of Microorganisms

Engineering Elective
BME 235: Physiology for Engineers
BME 465: Magnetic Resonance Imaging
BME 494: Bioenergy and Microbial Biotechnology
BME 494: Biomedical Device Design
BME 494: Finite Element Modeling for Biomedical Application
BME 494: Molecular Medicine
BME 494: Molecular Synthetic Biology
CEE 210: Engineering Mechanics I: Statics
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
CEE 494: Sustainable Energy and Material Use
CSE 205: Object-Oriented Programming and Data Structures (CS)
DAT 301: Exploring Data in R and Python
EEE 202: Circuits I
EEE 241: Fundamentals of Electromagnetics
EEE 307: Signal Processing for Digital Culture
EEE 498: Manufacturing Science of Solar Cells

Upper Division CHE Technical Electives
CHE 4** Elective
By approval only:
CHE 484: Internship
CHE 492: Honors Directed Study
CHE 493: Honors Thesis (L)
CHE 499: Individualized Instruction

EGR 494: Engineering in Semiconductors and Microelectronics

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

FSE 494: Nuclear Prolif Secur & Safegrd

IEE 380: Probability and Statistics for Engineering Problem Solving (CS)

IEE 385: Engineering Statistics: Probability

MAE 494: Quantum Mech Eng: SW and HW of Quantum Computers or MSE 494: Quantum Mech Eng: SW and HW of Quantum Computers

MSE 250: Structure and Properties of Materials

MSE 435: Computational Materials Science and Engineering

MSE 460: Nanomaterials in Energy Production and Storage

MSE 466: Electrochemical Energy Storage and Conversion

MSE 494: Bioinspired Materials and Biomaterials

MSE 494: Electrochemical Materials Science

MSE 494: Failure Analysis of Metallic Materials

MSE 494: Manufacturing Processes for Structural Materials

Note: MSE 208, 301, or 308 cannot be used.

Note: Students taking IEE 380 or IEE 385 cannot take STP 420 or STP 421 for Natural Science/Materials Elective.

Upper Division Advanced Chemistry/Biochemistry Technical Elective

BCH 341: Physical Chemistry with a Biological Focus or CHM 341: Elementary Physical Chemistry or CHM 345: Physical Chemistry I

BCH 361: Advanced Principles of Biochemistry

BCH 461: General Biochemistry

BCH 463: Biophysical Chemistry

BCH 494: Chemical Biology

Upper Division Natural Science or Materials Science Technical Electives

BCH 494: Bioenergy and Microbial Biotechnology

BCH 494: Chemical Biology

BCH 494: Protein Biochemistry

BIO 302: Cancer--Mother of All Diseases (L)

BIO 320: Fundamentals of Ecology

BIO 325: Oceanography

BIO 340: General Genetics

- BCH 494: Protein Biochemistry
- CHM 302: Environmental Chemistry
- CHM 325: Analytical Chemistry
- CHM 433: Advanced Organic Chemistry I
- CHM 435: Medicinal Chemistry
- CHM 453: Inorganic Chemistry
- CHM 471: Solid-State Chemistry
- CHM 481: Geochemistry
- CHM 494: Bioinorganic
- CHM 494: Characterization Meth.of Inorg.Compounds&Materials
- CHM 494: Chemistry of Atmospheres
- CHM 494: Nanomaterials
- CHM 494: Organometallic Chemistry
- CHM 494: Sustainable Macromolecular Synthesis
- CHM 494: Thermodynamics of Natural Systems
- BIO 353: Cell Biology
- BIO 494: Environmental Systems Biology
- BME 465: Magnetic Resonance Imaging
- BME 494: Bioenergy and Microbial Biotechnology
- BME 494: Biomedical Device Design
- BME 494: Finite Element Modeling for Biomedical Application
- BME 494: Molecular Medicine
- BME 494: Molecular Synthetic Biology
- CEE 494: Sustainable Energy and Material Use
- EEE 352: Properties of Electronic Materials
- EEE 435: Fundamentals of CMOS and MEMS
- EEE 436: Fundamentals of Solid-State Devices
- EEE 460: Nuclear Power Engineering
- EEE 463: Electrical Power Plants
- EEE 465: Photovoltaic Energy Conversion
- EEE 498: Manufacturing Science of Solar Cells
- GLG 321: Mineralogy
- GLG 418: Geophysics
- GLG 419: Geodynamics
- GLG 481: Geochemistry
- GLG 494: Environmental Systems Biology
- MAE 404: Finite Elements in Engineering
- MAT 310: Introduction to Geometry
- MBB 347: Molecular Genetics: From Genes to Proteins
- MIC 360: Bacterial Physiology
- MIC 420: Immunology: Molecular and Cellular Foundations
- MIC 441: Bacterial Genetics
- MIC 445: Techniques in Molecular Biology/Genetics
- MIC 461: Geomicrobiology
- MSE 355: Structure and Defects

MSE 435: Computational Materials Science and Engineering
MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids
MSE 460: Nanomaterials in Energy Production and Storage
MSE 494: Bioinspired Materials and Biomaterials
MSE 494: Composite Materials
MSE 494: Electrochemical Materials Science
MSE 494: Failure Analysis of Metallic Materials
MSE 494: Introduction to Powder Processing
MSE 494: Manufacturing Processes for Structural Materials
PHY 312: Mechanics and Electromagnetism
PHY 331: Principles of Modern Electromagnetism
PHY 361: Introductory Modern Physics
PHY 494: Introduction to Nanoscience
STP 420: Introductory Applied Statistics (CS)
STP 421: Probability
Note: MSE 301 or 308 cannot be used.
Note: Students taking STP 420 or STP 421 cannot take IEE 380 or IEE 385 for Engineering Elective.

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Civil Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCEEBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSE 100: Introduction to Engineering	2	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-CEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEE 210: Engineering Mechanics I: Statics	3	C	• Prep for success using the Sophomore Guide.
MAT 267: Calculus for Engineers III (MA)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	

PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEE 212: Engineering Mechanics II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CEE 213: Introduction to Deformable Solids	3	C	
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ)	3-4		
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
MAE 241: Introduction to Thermodynamics	3		
Term hours subtotal:	15-16		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEE 321: Structural Analysis and Design	4		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CEE 351: Geotechnical Engineering	4		
CEE 353: Civil Engineering Materials	4		
CEE 384: Numerical Methods for Engineers (CS)	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEE 300: Engineering Business Practice (L)	3		• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CEE 361: Introduction to Environmental Engineering	4		
CEE 341: Fluid Mechanics for Civil Engineers	4		
CEE 372: Transportation Engineering	3		
BIO OR CEE OR CHM OR GLG OR MAE OR MAT OR MEE OR EGR Elective	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	3		• Technical Elective and Design Elective requirements: See advisor for guidance in selection. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in-person or virtual practice interview.
Upper Division Design Elective	3		
Complete 3 courses: Technical Elective	9		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEE 486: Integrated Civil Engineering Design (L)	4		• Technical Elective and Design Elective requirements: See advisor for guidance in selection.
Upper Division Design Elective	3		
Technical Elective	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Technical Elective
CEE 281: Surveying
CEE 412: Pavement Analysis and Design
CEE 420: Steel Structures
CEE 423: Structural Design
CEE 421: Concrete Structures
CEE 440: Hydrology
CEE 441: Water Resources Engineering
CEE 452: Foundations
CEE 462: Unit Operations in Environmental Engineering
CEE 466: Urban Water System Design
CEE 467: Environmental Microbiology
CEE 474: Transportation Systems Planning
CEE 475: Highway Geometric Design
CEE 481: Civil Engineering Project Management
CEE 483: Highway Materials, Construction, and Quality
CEE 493: Honors Thesis (L)
CEE 494: Earth Structures
CHE 469: Air Quality Engineering
CON 453: Construction Technology
FSE 301: Entrepreneurship and Value Creation
IEE 431: Engineering Administration (L)

Design Elective
CEE 412: Pavement Analysis and Design
CEE 420: Steel Structures
CEE 421: Concrete Structures
CEE 441: Water Resources Engineering
CEE 452: Foundations
CEE 462: Unit Operations in Environmental Engineering
CEE 466: Urban Water System Design
CEE 475: Highway Geometric Design

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
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Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Civil Engineering (Sustainable Engineering), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCEESUBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSE 100: Introduction to Engineering	2	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-CEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
CEE 181: Technological, Social, and Sustainable Systems (HU)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEE 210: Engineering Mechanics I: Statics	3	C	• Prep for success using the Sophomore Guide.
MAT 267: Calculus for Engineers III (MA)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	

PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEE 212: Engineering Mechanics II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CEE 213: Introduction to Deformable Solids	3	C	
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ)	3		
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
MAE 241: Introduction to Thermodynamics	3		
Term hours subtotal:	15		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEE 361: Introduction to Environmental Engineering	4		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CEE 341: Fluid Mechanics for Civil Engineers	4		
CEE 353: Civil Engineering Materials	4		
CEE 384: Numerical Methods for Engineers (CS)	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEE 300: Engineering Business Practice (L)	3		• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CEE 321: Structural Analysis and Design	4		
CEE 351: Geotechnical Engineering	4		
CEE 372: Transportation Engineering	3		
Elective	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOS 300: Advanced Concepts and Integrated Approaches in Sustainability	3		• Design Elective requirements: See advisor for guidance in selection. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Complete 2 courses: Upper Division Design Elective	6		
Technical Elective	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	CEE 486: Integrated Civil Engineering Design (L)	4	
	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	3	
	CEE 485: Sustainable Civil and Environmental Systems Engineering	3	
	Technical Elective	3	
		Term hours subtotal: 13	

- Technical Elective requirements: See advisor for guidance in selection.

Hide Course List(s)/Track Group(s)

Design Electives
CEE 412: Pavement Analysis and Design
CEE 420: Steel Structures
CEE 421: Concrete Structures
CEE 441: Water Resources Engineering
CEE 452: Foundations
CEE 462: Unit Operations in Environmental Engineering
CEE 466: Urban Water System Design
CEE 475: Highway Geometric Design

Approved Technical Elective
BCH 361: Advanced Principles of Biochemistry
BIO 320: Fundamentals of Ecology
CEE 281: Surveying
CEE 412: Pavement Analysis and Design
CEE 420: Steel Structures
CEE 421: Concrete Structures
CEE 440: Hydrology
CEE 441: Water Resources Engineering
CEE 452: Foundations
CEE 462: Unit Operations in Environmental Engineering
CEE 466: Urban Water System Design
CEE 474: Transportation Systems Planning
CEE 475: Highway Geometric Design
CEE 481: Civil Engineering Project Management
CEE 483: Highway Materials, Construction, and Quality
CEE 493: Honors Thesis (L)
CEE 494: Sustainable Energy and Material Use
CEE 499: Individualized Instruction
CHM 302: Environmental Chemistry
CHM 341: Elementary Physical Chemistry
CON 453: Construction Technology
PUP 442: Environmental Planning

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computer Science, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions .
ASU 101-CSE: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 120: Digital Design Fundamentals	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
CSE 240: Introduction to Programming Languages	3	C	
MAT 243: Discrete Mathematical Structures	3	C	

MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science	3	C	• Prep for success using the Sophomore Guide.
Natural Science - Quantitative (SQ)	4		
Complete MAT 266 OR MAT 271 course(s).			
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 230: Computer Organization and Assembly Language Programming	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
CSE 310: Data Structures and Algorithms	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
Complete CSE 259 OR MAT 267 OR MAT 272 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 355: Introduction to Theoretical Computer Science	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CSE 301: Computing Ethics	1	C	
CSE 360: Introduction to Software Engineering	3	C	
CSE 365: Information Assurance	3	C	
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 340: Principles of Programming Languages	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CSE 330: Operating Systems	3	C	
CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development	3	C	
MAT 343: Applied Linear Algebra	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 485: Computer Science Capstone Project I (L)	3	C	
Complete 2 courses: CSE 4** Elective	6	C	

Upper Division Technical Elective	3	C
Elective	2	
Term hours subtotal:	14	

- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 486: Computer Science Capstone Project II (L)	3	C	• Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.
Complete 2 courses: CSE 4** Elective	6	C	
Upper Division Technical Elective	3	C	
Term hours subtotal:	12		

- Maximum 3 hours of FSE 301 or FSE 404 can be applied towards major requirements.
- Maximum 6 hours of CSE 484, CSE 492, CSE 493, CSE 499, FSE 301, and FSE 404 can be applied towards major requirements.
- CSE 475 or DAT 402 can be applied towards major requirements but not both.
- Technical Electives may require additional prerequisites.
- For additional information on major curriculum please visit theComputer Science Degree Requirements website.

Hide Course List(s)/Track Group(s)

Technical Electives
AEE 415: Vibration Analysis
AEE 426: Design of Aerospace Structures
AEE 462: Space Vehicle Dynamics and Control
AEE 463: Aircraft Propulsion
AEE 465: Rocket Propulsion
AEE 468: Aircraft Systems Design
AEE 471: Computational Fluid Dynamics
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
BCH 361: Advanced Principles of Biochemistry
BCH 461: General Biochemistry
BCH 462: General Biochemistry
BIO 340: General Genetics

Technical Electives continued
EEE 360: Energy Systems and Power Electronics
EEE 404: Real-Time DSP Systems
EEE 407: Digital Signal Processing
EEE 425: Digital Systems and Circuits
EEE 433: Analog Integrated Circuits
EEE 434: Quantum Mechanics for Engineers
EEE 435: Fundamentals of CMOS and MEMS
EEE 436: Fundamentals of Solid-State Devices
EEE 437: Optoelectronics
EEE 439: Semiconductor Facilities and Cleanroom Practices
EEE 443: Antennas for Wireless Communications
EEE 445: Microwaves

- BIO 343: Genetic Engineering and Society (L)
- BIO 345: Evolution
- BME 350: Signals and Systems for Bioengineers
- BME 413: Biomedical Instrumentation (L)
- BME 416: Advanced Biomechanics
- BME 494: Applied Computational Behavioral Science
- CEE 412: Pavement Analysis and Design
- CEE 432: Developing Software for Engineering Applications
- CEE 440: Hydrology
- CEE 441: Water Resources Engineering
- CEE 452: Foundations
- CEE 462: Unit Operations in Environmental Engineering
- CEE 466: Urban Water System Design
- CEE 467: Environmental Microbiology
- CEE 474: Transportation Systems Planning
- CEE 475: Highway Geometric Design
- CEE 481: Civil Engineering Project Management
- CEE 483: Highway Materials, Construction, and Quality
- CEE 486: Integrated Civil Engineering Design (L)
- CHE 342: Introduction to Applied Chemical Thermodynamics
- CHE 432: Principles of Chemical Engineering Design
- CHE 442: Introduction to Chemical Reactor Design
- CHE 461: Process Dynamic Control (CS)
- CHE 462: Process Design (L)
- CHE 469: Air Quality Engineering
- CHE 475: Biochemical Engineering
- CIS 415: Big Data Analytics in Business
- CPI 311: Game Engine Development
- CPI 350: Evaluation of Informatics Systems
- EEE 448: Fiber Optics
- EEE 455: Communication Systems
- EEE 459: Communication Networks
- EEE 460: Nuclear Power Engineering
- EEE 463: Electrical Power Plants
- EEE 470: Electric Power Devices
- EEE 471: Power System Analysis
- EEE 473: Electrical Machinery
- EEE 480: Feedback Systems
- EEE 481: Computer-Controlled Systems
- FSE 301: Entrepreneurship and Value Creation
- FSE 394: Engineering for Humanity
- FSE 404: EPICS Gold: EPICS in Action
- IEE 376: Operations Research Deterministic Techniques/Applications
- IEE 381: Lean Six Sigma Methodology
- IEE 385: Engineering Statistics: Probability
- IEE 412: Introduction to Financial Engineering
- IEE 426: Operations Research in Healthcare
- IEE 431: Engineering Administration (L)
- IEE 456: Introduction to Systems Engineering
- IEE 458: Project Management
- IEE 461: Production Control
- IEE 470: Stochastic Operations Research
- IEE 474: Quality Control
- IEE 475: Simulating Stochastic Systems (CS)
- MAE 341: Mechanism Analysis and Design
- MAE 404: Finite Elements in Engineering
- MAE 417: System Dynamics and Control II
- MAE 436: Combustion
- MAE 455: Polymers and Composites
- MAT Upper Division Elective

  Except for: MAT 300, MAT 340, MAT 342, MAT 343 and MAT 485
- MEE 351: Manufacturing Processes

CPI 360: Decision Making and Problem Solving

CPI 411: Graphics for Games

CPI 460: Intelligent Interactive Instructional Systems

CPI 462: Design for Learning in Virtual Worlds

CSE 320: Design and Synthesis of Digital Hardware

CSE 325: Embedded Microprocessor Systems

CSE 335: Principles of Mobile Application Development

CSE 4** Elective

DAT 300: Mathematical Tools for Data Science

DAT 301: Exploring Data in R and Python

DAT 401: Statistical Modeling and Inference for Data Science

DAT 402: Machine Learning for Data Science

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 335: Analog and Digital Circuits

EEE 350: Random Signal Analysis

MEE 434: Internal Combustion Engines

MEE 446: Energy Systems Design II

MSE 335: Materials Kinetics

MSE 415: Mathematical and Computer Methods in Materials (CS)

PHY 302: Mathematical Methods in Physics II

PHY 361: Introductory Modern Physics

PHY 462: Particle and Nuclear Physics

SER 421: Web-Based Applications

SER 422: Web Application Programming

SER 423: Mobile Systems

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computer Science (Cybersecurity), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEIBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions .
ASU 101-CSE: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 120: Digital Design Fundamentals	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
CSE 240: Introduction to Programming Languages	3	C	
MAT 243: Discrete Mathematical Structures	3	C	

MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science	3	C	• Prep for success using the Sophomore Guide.
Natural Science - Quantitative (SQ)	4		
Complete MAT 266 OR MAT 271 course(s).			
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
CSE 230: Computer Organization and Assembly Language Programming	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area. • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CSE 310: Data Structures and Algorithms	3	C	
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete CSE 259 OR MAT 267 OR MAT 272 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CSE 301: Computing Ethics	1	C	
CSE 355: Introduction to Theoretical Computer Science	3	C	
CSE 360: Introduction to Software Engineering	3	C	
CSE 365: Information Assurance	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CSE 330: Operating Systems	3	C	• CSE 434 is a prerequisite for CSE 468 which is an option for the Cybersecurity Focus Courses requirement. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CSE 340: Principles of Programming Languages	3	C	
CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development	3	C	
MAT 343: Applied Linear Algebra	3	C	
Humanities, Arts and Design (HU)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CSE 485: Computer Science Capstone Project I (L)	3	C	• Plan for success using the Senior Guide.

Upper Division Cybersecurity Elective	3	C	• Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Cybersecurity Focus Courses	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	2		
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 486: Computer Science Capstone Project II (L)	3	C	• Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.
Upper Division Cybersecurity Elective	3	C	
Upper Division Cybersecurity Focus Courses	3	C	
Upper Division Technical Elective	3	C	
Term hours subtotal:	12		

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  - Technical Electives may require additional prerequisites.
  - For additional information on major curriculum, please visit theÂComputer Science Degree Requirements websiteÂand theÂConcentration Requirements website.

Hide Course List(s)/Track Group(s)

Cybersecurity Focus Courses	Cybersecurity Electives	Technical Electives
CSE 466: Computer Systems Security	CSE 445: Distributed Software Development	AEE 415: Vibration Analysis
CSE 468: Computer Network Security or (CSE 468 requires CSE 434 as a prerequisite)	CSE 460: Software Analysis and Design	AEE 426: Design of Aerospace Structures
CSE 469: Computer and Network Forensics	CSE 463: Introduction to Human Computer Interaction	AEE 462: Space Vehicle Dynamics and Control
CSE 494: Artificial Intelligence for Cyber Security	CSE 464: Software Quality Assurance and Testing	AEE 463: Aircraft Propulsion
	CSE 466: Computer Systems Security	AEE 465: Rocket Propulsion
	CSE 468: Computer Network Security	AEE 468: Aircraft Systems Design
	CSE 469: Computer and Network Forensics	AEE 471: Computational Fluid Dynamics
	CSE 471: Introduction to Artificial Intelligence	AME 430: Mac Development for Media Arts
	CSE 494: Artificial Intelligence for Cyber Security	AME 435: Mobile Development
		BCH 361: Advanced Principles of Biochemistry
		BCH 461: General Biochemistry
		BCH 462: General Biochemistry
		BIO 340: General Genetics
		BIO 343: Genetic Engineering and Society (L)
		BIO 345: Evolution
		BME 350: Signals and Systems for Bioengineers
		BME 413: Biomedical Instrumentation (L)

- BME 416: Advanced Biomechanics
- BME 494: Applied Computational Behavioral Science
- CEE 412: Pavement Analysis and Design
- CEE 432: Developing Software for Engineering Applications
- CEE 440: Hydrology
- CEE 441: Water Resources Engineering
- CEE 452: Foundations
- CEE 462: Unit Operations in Environmental Engineering
- CEE 466: Urban Water System Design
- CEE 467: Environmental Microbiology
- CEE 474: Transportation Systems Planning
- CEE 475: Highway Geometric Design
- CEE 481: Civil Engineering Project Management
- CEE 483: Highway Materials, Construction, and Quality
- CEE 486: Integrated Civil Engineering Design (L)
- CHE 342: Introduction to Applied Chemical Thermodynamics
- CHE 432: Principles of Chemical Engineering Design
- CHE 442: Introduction to Chemical Reactor Design
- CHE 461: Process Dynamic Control (CS)
- CHE 462: Process Design (L)
- CHE 469: Air Quality Engineering
- CHE 475: Biochemical Engineering
- CIS 415: Big Data Analytics in Business
- CPI 311: Game Engine Development
- CPI 350: Evaluation of Informatics Systems
- CPI 360: Decision Making and Problem Solving
- CPI 411: Graphics for Games
- CPI 460: Intelligent Interactive Instructional Systems
- CPI 462: Design for Learning in Virtual Worlds

CSE 320: Design and Synthesis of Digital Hardware

CSE 325: Embedded Microprocessor Systems

CSE 335: Principles of Mobile Application Development

CSE 4** Elective

DAT 300: Mathematical Tools for Data Science

DAT 301: Exploring Data in R and Python

DAT 401: Statistical Modeling and Inference for Data Science

DAT 402: Machine Learning for Data Science

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 350: Random Signal Analysis

EEE 335: Analog and Digital Circuits

Technical Electives continued

EEE 360: Energy Systems and Power Electronics

EEE 404: Real-Time DSP Systems

EEE 407: Digital Signal Processing

EEE 425: Digital Systems and Circuits

EEE 433: Analog Integrated Circuits

EEE 434: Quantum Mechanics for Engineers

EEE 435: Fundamentals of CMOS and MEMS

EEE 436: Fundamentals of Solid-State Devices

EEE 437: Optoelectronics

EEE 439: Semiconductor Facilities and Cleanroom Practices

EEE 443: Antennas for Wireless Communications

EEE 445: Microwaves

EEE 448: Fiber Optics

EEE 455: Communication Systems

EEE 459: Communication Networks

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

- EEE 470: Electric Power Devices
- EEE 471: Power System Analysis
- EEE 473: Electrical Machinery
- EEE 480: Feedback Systems
- EEE 481: Computer-Controlled Systems
- FSE 301: Entrepreneurship and Value Creation
- FSE 394: Engineering for Humanity
- FSE 404: EPICS Gold: EPICS in Action
- IEE 376: Operations Research Deterministic Techniques/Applications
- IEE 381: Lean Six Sigma Methodology
- IEE 385: Engineering Statistics: Probability
- IEE 412: Introduction to Financial Engineering
- IEE 426: Operations Research in Healthcare
- IEE 431: Engineering Administration (L)
- IEE 456: Introduction to Systems Engineering
- IEE 458: Project Management
- IEE 461: Production Control
- IEE 470: Stochastic Operations Research
- IEE 474: Quality Control
- IEE 475: Simulating Stochastic Systems (CS)
- MAE 341: Mechanism Analysis and Design
- MAE 404: Finite Elements in Engineering
- MAE 417: System Dynamics and Control II
- MAE 436: Combustion
- MAE 455: Polymers and Composites
- MAT Upper Division Elective
- Except for: MAT 300, MAT 340, MAT 342, MAT 343 and MAT 485
- MSE 335: Materials Kinetics
- MEE 351: Manufacturing Processes
- MEE 434: Internal Combustion Engines
- MEE 446: Energy Systems Design II
- MSE 415: Mathematical and Computer Methods in Materials (CS)
- PHY 302: Mathematical Methods in Physics II
- PHY 361: Introductory Modern Physics

PHY 462: Particle and Nuclear Physics

SER 421: Web-Based Applications

SER 422: Web Application Programming

SER 423: Mobile Systems

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computer Science (Software Engineering), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSESBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions .
ASU 101-CSE: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 120: Digital Design Fundamentals	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
CSE 240: Introduction to Programming Languages	3	C	
MAT 243: Discrete Mathematical Structures	3	C	

MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science	3	C	
Natural Science - Quantitative (SQ)	4		• Prep for success using the Sophomore Guide
Complete MAT 266 OR MAT 271 course(s).			
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 230: Computer Organization and Assembly Language Programming	3	C	• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
CSE 310: Data Structures and Algorithms	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
Complete CSE 259 OR MAT 267 OR MAT 272 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 355: Introduction to Theoretical Computer Science	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CSE 301: Computing Ethics	1	C	
CSE 360: Introduction to Software Engineering	3	C	
CSE 365: Information Assurance	3	C	
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 330: Operating Systems	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CSE 340: Principles of Programming Languages	3	C	
CSE 445: Distributed Software Development	3	C	
MAT 343: Applied Linear Algebra	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 485: Computer Science Capstone Project I (L)	3	C	• Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.
CSE 460: Software Analysis and Design	3	C	
CSE 464: Software Quality Assurance and Testing	3	C	

Upper Division Technical Elective	3	C
Elective	2	
Term hours subtotal:	14	

- Students should take CSE 434 as the Upper Division Technical Elective in Term 7 if they plan taking CSE 468 in Term 8. CSE 434 is a prerequisite for CSE 468.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ CSE 486: Computer Science Capstone Project II (L)	3	C	• CSE 468 requires CSE 434 as a prerequisite. • Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.
CSE 446: Software Integration and Engineering	3	C	
CSE 463: Introduction to Human Computer Interaction OR CSE 466: Computer Systems Security OR CSE 467: Data and Information Security OR CSE 468: Computer Network Security	3	C	
Upper Division Technical Elective	3	C	
Term hours subtotal:	12		

-
  - Maximum 3 hours of FSE 301 or FSE 404 can be applied towards major requirements.
  - Maximum 6 hours of CSE 484, CSE 492, CSE 493, CSE 499, FSE 301, and FSE 404 can be applied towards major requirements.
  - CSE 475 or DAT 402 can be applied towards major requirements but not both.
  - Technical Electives may require additional prerequisites.
  - For additional information on major curriculum please visit theComputer Science Degree Requirements websiteand the Concentration Requirements Website.

Hide Course List(s)/Track Group(s)

Technical Electives	Technical Electives continued
AEE 415: Vibration Analysis	EEE 360: Energy Systems and Power Electronics
AEE 426: Design of Aerospace Structures	EEE 404: Real-Time DSP Systems
AEE 462: Space Vehicle Dynamics and Control	EEE 407: Digital Signal Processing
AEE 463: Aircraft Propulsion	EEE 425: Digital Systems and Circuits
AEE 465: Rocket Propulsion	EEE 433: Analog Integrated Circuits
AEE 468: Aircraft Systems Design	EEE 434: Quantum Mechanics for Engineers
AEE 471: Computational Fluid Dynamics	EEE 435: Fundamentals of CMOS and MEMS
AME 430: Mac Development for Media Arts	EEE 436: Fundamentals of Solid-State Devices
AME 435: Mobile Development	EEE 437: Optoelectronics
BCH 361: Advanced Principles of Biochemistry	EEE 439: Semiconductor Facilities and Cleanroom Practices
BCH 461: General Biochemistry	EEE 443: Antennas for Wireless Communications
BCH 462: General Biochemistry	

BIO 340: General Genetics

BIO 343: Genetic Engineering and Society (L)

BIO 345: Evolution

BME 350: Signals and Systems for Bioengineers

BME 413: Biomedical Instrumentation (L)

BME 416: Advanced Biomechanics

BME 494: Applied Computational Behavioral Science

CEE 412: Pavement Analysis and Design

CEE 432: Developing Software for Engineering Applications

CEE 440: Hydrology

CEE 441: Water Resources Engineering

CEE 452: Foundations

CEE 462: Unit Operations in Environmental Engineering

CEE 466: Urban Water System Design

CEE 467: Environmental Microbiology

CEE 474: Transportation Systems Planning

CEE 475: Highway Geometric Design

CEE 481: Civil Engineering Project Management

CEE 483: Highway Materials, Construction, and Quality

CEE 486: Integrated Civil Engineering Design (L)

CHE 342: Introduction to Applied Chemical Thermodynamics

CHE 432: Principles of Chemical Engineering Design

CHE 442: Introduction to Chemical Reactor Design

CHE 461: Process Dynamic Control (CS)

CHE 462: Process Design (L)

CHE 469: Air Quality Engineering

CHE 475: Biochemical Engineering

CIS 415: Big Data Analytics in Business

CPI 311: Game Engine Development

CPI 350: Evaluation of Informatics Systems

EEE 445: Microwaves

EEE 448: Fiber Optics

EEE 455: Communication Systems

EEE 459: Communication Networks

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 470: Electric Power Devices

EEE 471: Power System Analysis

EEE 473: Electrical Machinery

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering for Humanity

FSE 404: EPICS Gold: EPICS in Action

IEE 376: Operations Research Deterministic Techniques/Applications

IEE 381: Lean Six Sigma Methodology

IEE 385: Engineering Statistics: Probability

IEE 412: Introduction to Financial Engineering

IEE 426: Operations Research in Healthcare

IEE 431: Engineering Administration (L)

IEE 456: Introduction to Systems Engineering

IEE 458: Project Management

IEE 461: Production Control

IEE 470: Stochastic Operations Research

IEE 474: Quality Control

IEE 475: Simulating Stochastic Systems (CS)

MAE 341: Mechanism Analysis and Design

MAE 404: Finite Elements in Engineering

MAE 417: System Dynamics and Control II

MAE 436: Combustion

MAE 455: Polymers and Composites

MAT Upper Division Elective

Except for: MAT 300, MAT 342, MAT 343, and MAT 485

- CPI 360: Decision Making and Problem Solving
- CPI 411: Graphics for Games
- CPI 460: Intelligent Interactive Instructional Systems
- CPI 462: Design for Learning in Virtual Worlds
- CSE 320: Design and Synthesis of Digital Hardware
- CSE 325: Embedded Microprocessor Systems
- CSE 335: Principles of Mobile Application Development
- CSE 4** Elective
- DAT 300: Mathematical Tools for Data Science
- DAT 301: Exploring Data in R and Python
- DAT 401: Statistical Modeling and Inference for Data Science
- DAT 402: Machine Learning for Data Science
- EEE 304: Signals and Systems II
- EEE 333: Hardware Design Languages and Programmable Logic
- EEE 335: Analog and Digital Circuits
- EEE 350: Random Signal Analysis
- MEE 351: Manufacturing Processes
- MEE 434: Internal Combustion Engines
- MEE 446: Energy Systems Design II
- MSE 335: Materials Kinetics
- MSE 415: Mathematical and Computer Methods in Materials (CS)
- PHY 302: Mathematical Methods in Physics II
- PHY 361: Introductory Modern Physics
- PHY 462: Particle and Nuclear Physics
- SER 421: Web-Based Applications
- SER 422: Web Application Programming
- SER 423: Mobile Systems
- STP 421: Probability
- STP 425: Stochastic Processes
- STP 427: Mathematical Statistics
- STP 429: Applied Regression (CS)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computer Systems Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEBSE

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions .
ASU 101-CSE: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Biology or Chemistry Course	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 120: Digital Design Fundamentals	3	C	• Prep for success using the Sophomore Guide.
MAT 243: Discrete Mathematical Structures	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Complete MAT 266 OR MAT 271 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 220: Programming for Computer Engineering	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CSE 230: Computer Organization and Assembly Language Programming	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Complete MAT 267 OR MAT 272 course(s).			
Term hours subtotal:	16		

Term 5 63 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 310: Data Structures and Algorithms	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CSE 301: Computing Ethics	1	C	
CSE 320: Design and Synthesis of Digital Hardware	3	C	
EEE 202: Circuits I	4	C	
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	
Term hours subtotal:	14		

Term 6 77 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 325: Embedded Microprocessor Systems	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CSE 330: Operating Systems	3	C	
CSE 360: Introduction to Software Engineering	3	C	
EEE 334: Circuits II	4	C	
MAT 343: Applied Linear Algebra	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 423: Systems Capstone Project I (L)	3	C	• Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. Maximum 6 hours at the 300-level. • Plan for success using the Senior Guide.
CSE 434: Computer Networks	3	C	
Complete 2 courses: Upper Division CSE Technical Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Term hours subtotal:	15	

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 424: Systems Capstone Project II (L)	3	C	• Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. Maximum 6 hours at the 300-level.
CSE 420: Computer Architecture I	3	C	
Complete 2 courses: 4** Upper Division CSE Technical Elective	6	C	
Term hours subtotal:	12		

- Maximum 3 hours of FSE 301 or FSE 404 can be applied towards major requirements.
- Maximum 6 hours of CSE 484, CSE 492, CSE 493, CSE 499, FSE 301, and FSE 404 can be applied towards major requirements.
- CSE 475 or DAT 402 can be applied towards major requirements but not both.
- Technical Electives may require additional prerequisites.
- For additional information on major curriculum please visit theComputer Systems Engineering Degree Requirements website.

Hide Course List(s)/Track Group(s)

Biology or Chemistry Courses
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
CHM 113: General Chemistry I (SQ)
CHM 114: General Chemistry for Engineers (SQ)
CHM 116: General Chemistry II (SQ)

Upper Division CSE Technical Electives
BME 494: Applied Computational Behavioral Science
CPI 350: Evaluation of Informatics Systems
CPI 411: Graphics for Games
CSE 335: Principles of Mobile Application Development
CSE 340: Principles of Programming Languages
CSE 355: Introduction to Theoretical Computer Science
CSE 365: Information Assurance
CSE 4** Elective
DAT 300: Mathematical Tools for Data Science
DAT 301: Exploring Data in R and Python
DAT 401: Statistical Modeling and Inference for Data Science
DAT 402: Machine Learning for Data Science
EEE 304: Signals and Systems II
EEE 335: Analog and Digital Circuits

EEE 350: Random Signal Analysis

EEE 404: Real-Time DSP Systems

EEE 407: Digital Signal Processing

EEE 425: Digital Systems and Circuits

EEE 455: Communication Systems

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering for Humanity

FSE 404: EPICS Gold: EPICS in Action

IEE 385: Engineering Statistics: Probability

MAT 416: Graph Theory

MAT 421: Applied Computational Methods (CS)

MAT 447: Cryptography I

MAT 448: Cryptography II

PHY 302: Mathematical Methods in Physics II

PHY 333: Electronic Circuits and Measurements

PHY 441: Statistical and Thermal Physics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computer Systems Engineering (Cybersecurity), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEIBSE

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions .
ASU 101-CSE: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Biology or Chemistry Course	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 120: Digital Design Fundamentals	3	C	• Prep for success using the Sophomore Guide.
MAT 243: Discrete Mathematical Structures	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Complete MAT 266 OR MAT 271 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 220: Programming for Computer Engineering	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CSE 230: Computer Organization and Assembly Language Programming	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Complete MAT 267 OR MAT 272 course(s).			
Term hours subtotal:	16		

Term 5 63 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 310: Data Structures and Algorithms	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CSE 301: Computing Ethics	1	C	
CSE 320: Design and Synthesis of Digital Hardware	3	C	
EEE 202: Circuits I	4	C	
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	
Term hours subtotal:	14		

Term 6 77 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 325: Embedded Microprocessor Systems	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CSE 330: Operating Systems	3	C	
CSE 360: Introduction to Software Engineering	3	C	
CSE 365: Information Assurance	3	C	
EEE 334: Circuits II	4	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 423: Systems Capstone Project I (L)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
CSE 434: Computer Networks	3	C	
MAT 343: Applied Linear Algebra	3	C	
Upper Division CSE Technical Elective	3	C	
Upper Division Cybersecurity Focus Courses	3	C	

Term hours subtotal:	15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 424: Systems Capstone Project II (L)	3	C	
CSE 420: Computer Architecture I	3	C	
Upper Division Cybersecurity Focus Courses	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- Technical Electives may require additional prerequisites.
- For additional information on major curriculum please visit the Computer Systems Engineering (Cybersecurity) Degree Requirements website.

Hide Course List(s)/Track Group(s)

Biology or Chemistry Course
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
CHM 113: General Chemistry I (SQ)
CHM 114: General Chemistry for Engineers (SQ)
CHM 116: General Chemistry II (SQ)

Cybersecurity Focus Courses
CSE 466: Computer Systems Security
CSE 468: Computer Network Security
CSE 469: Computer and Network Forensics
CSE 494: Artificial Intelligence for Cyber Security

CSE Technical Elective
BME 494: Applied Computational Behavioral Science
CPI 350: Evaluation of Informatics Systems
CPI 411: Graphics for Games
CSE 335: Principles of Mobile Application Development
CSE 340: Principles of Programming Languages
CSE 355: Introduction to Theoretical Computer Science
CSE 4** Elective
DAT 300: Mathematical Tools for Data Science
DAT 301: Exploring Data in R and Python
DAT 401: Statistical Modeling and Inference for Data Science
DAT 402: Machine Learning for Data Science
EEE 304: Signals and Systems II
EEE 335: Analog and Digital Circuits
EEE 350: Random Signal Analysis
EEE 404: Real-Time DSP Systems
EEE 407: Digital Signal Processing
EEE 425: Digital Systems and Circuits
EEE 455: Communication Systems

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering for Humanity

FSE 404: EPICS Gold: EPICS in Action

IEE 385: Engineering Statistics: Probability

MAT 416: Graph Theory

MAT 421: Applied Computational Methods (CS)

MAT 447: Cryptography I

MAT 448: Cryptography II

PHY 302: Mathematical Methods in Physics II

PHY 333: Electronic Circuits and Measurements

PHY 441: Statistical and Thermal Physics

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Construction Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCONBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-CON: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
CON 101: Construction and Culture: a Built Environment (HU & H)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CNE 210: Engineering Mechanics I: Statics	3	C	• Prep for success using the Sophomore Guide.
CNE 243: Heavy Construction Equipment, Methods and Materials	3		
MAT 267: Calculus for Engineers III (MA)	3	C	

MAT 275: Modern Differential Equations (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CNE 212: Engineering Mechanics II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CNE 213: Introduction to Deformable Solids	3	C	
CNE 271: Construction Safety	3	C	
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR BME 111: Engineering Perspectives on Biological Systems OR GLG 101: Introduction to Geology I (Physical) (SQ)	3-4		
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Term hours subtotal:	15-16		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CNE 321: Structural Analysis and Design	4		• If students take MAE 241 they will need to make up 1 credit hour in a Civil, Construction, math or science course. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CNE 353: Civil Engineering Materials	4		
EEE 202: Circuits I OR MAE 241: Introduction to Thermodynamics	4-3		
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
Term hours subtotal:	15-14		

Term 6 77 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CNE 383: Construction Estimating	4		• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CNE 241: Surveying	3		
CNE 351: Geotechnical Engineering	4		
CNE 400: Earth Systems Engineering and Management ((L or HU) & H)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Summer 6 91 - 92 Credit Hours	Hours	Minimum Grade	Notes
CNE 484: Internship	1		
Term hours subtotal:	1		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CNE 453: Construction Technology	3		• Design Elective requirements: complete a total of 2 design electives. • Plan for success using the Senior Guide.
CNE 495: Construction Planning and Scheduling (CS)	3		
Upper Division Design Elective	3		
Technical Elective	3		

Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Term hours subtotal:	15	

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CNE 486: Integrated Civil Engineering Design (L)	4		• Design Elective requirements: complete a total of 2 design electives.
CNE 455: Construction Project Management II	3		
CNE 496: Construction Contract Administration (L)	3		
Upper Division Design Elective	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Design Elective
CEE 420: Steel Structures
CEE 421: Concrete Structures
CEE 452: Foundations

Technical Elective
CEE 372: Transportation Engineering
CEE 412: Pavement Analysis and Design
CEE 420: Steel Structures
CEE 421: Concrete Structures
CEE 432: Developing Software for Engineering Applications
CEE 440: Hydrology
CEE 441: Water Resources Engineering
CEE 452: Foundations
CEE 462: Unit Operations in Environmental Engineering
CEE 466: Urban Water System Design
CEE 467: Environmental Microbiology
CEE 474: Transportation Systems Planning
CEE 475: Highway Geometric Design
CEE 481: Civil Engineering Project Management
CEE 483: Highway Materials, Construction, and Quality
CEE 493: Honors Thesis (L)
CEE 494: Concrete Canoe Design
CEE 494: Steel Bridge Design
CON 296: Summer Field Internship
CON 310: Testing of Materials for Construction

CON 345: Mechanical Systems

CON 448: Sustainable Construction

CON 454: Trenchless Construction Methods

CON 493: Honors Thesis (L)

FSE 301: Entrepreneurship and Value Creation

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Construction Management and Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCONMGTBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CON 100: Introduction to Construction	2	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
CON 101: Construction and Culture: a Built Environment (HU & H)	3	C	
CON 252: Building Construction Methods, Materials, and Equipment	3	C	
MAT 170: Precalculus (MA)	3	C	
ASU 101-CON: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CON 244: Working Drawing Analysis	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
COM 225: Public Speaking (L)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CON 221: Applied Statics	2	C	• Prep for success using the Sophomore Guide.
CON 251: Microcomputer Applications for Construction	3	C	
CON 243: Heavy Construction Equipment, Methods and Materials	3	C	

STP 226: Elements of Statistics (CS)	3	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 59 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
CON 223: Strength of Materials	2	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CON 271: Construction Safety	3	C	
CON 241: Surveying	3	C	
CON 345: Mechanical Systems	3		
ECN 212: Microeconomic Principles (SB)	3		
Term hours subtotal:	14		

Summer 4 59 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
CON 296: Summer Field Internship	1	C	
Term hours subtotal:	1		

Term 5 60 - 74 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CON 310: Testing of Materials for Construction	4		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CON 273: Electrical Construction Fundamentals and Project Management	3	C	
CON 383: Construction Estimating	4		
CON 453: Construction Technology	3		
Term hours subtotal:	14		

Term 6 74 - 89 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CON 495: Construction Planning and Scheduling (CS)	3		• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CON 424: Structural Design	3		
CON 448: Sustainable Construction	3		
MGT 380: Management and Strategy for Nonmajors	3		
Upper Division Construction Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Summer 6 89 - 90 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
CON 484: Internship	1		
Term hours subtotal:	1		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CON 455: Construction Project Management II	3		• Students must have a minimum 2.50 GPA in order to take LES 305. • Plan for success using the Senior Guide.
ACC 382: Accounting and Financial Analysis	3		
CON 487: Project Controls	3		

Upper Division Construction Elective	3		• Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CON 491: Construction Project Capstone	3		
CON 496: Construction Contract Administration (L)	3		
ECN 211: Macroeconomic Principles (SB)	3		
LES 305: Business Law and Ethics for Managers	3		
Upper Division Construction Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Construction Elective
CON 343: Advanced Heavy Equipment Operations
CON 384: Environmental Aspects of Heavy Construction
CON 446: Marketing for Construction
CON 450: Geotechnical Applications for Construction
CON 454: Trenchless Construction Methods
CON 457: Principles of Leadership for Project Managers
CON 483: Advanced Building Estimating
CON 486: Heavy Construction Estimating
CON 488: Heavy Construction Earthworks
CON 394: Special Topics
CON 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Electrical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEEEBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-EEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
EEE 120: Digital Design Fundamentals	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 202: Circuits I	4		• Prep for success using the Sophomore Guide.
MAT 267: Calculus for Engineers III (MA)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	

PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 203: Signals and Systems I	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
EEE 241: Fundamentals of Electromagnetics	3		
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
PHY 241: University Physics III	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 334: Circuits II	4		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EEE 230: Computer Organization and Assembly Language Programming	3		
EEE 350: Random Signal Analysis	3		
Upper Division Area Pathway Course	4		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Area Pathway Course	12		• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 488: Senior Design Laboratory I (L)	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Math or Science or Engineering Elective	3		
Complete 2 courses: Upper Division Technical Elective	6		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 489: Senior Design Laboratory II (L)	3		
Complete 3 courses: Upper Division Technical Elective	9		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Technical Electives
EEE 404: Real-Time DSP Systems
EEE 407: Digital Signal Processing
EEE 419: Python for Rapid Engineering Solutions
EEE 425: Digital Systems and Circuits
EEE 433: Analog Integrated Circuits
EEE 434: Quantum Mechanics for Engineers
EEE 435: Fundamentals of CMOS and MEMS
EEE 436: Fundamentals of Solid-State Devices
EEE 437: Optoelectronics
EEE 439: Semiconductor Facilities and Cleanroom Practices
EEE 443: Antennas for Wireless Communications
EEE 445: Microwaves
EEE 448: Fiber Optics
EEE 455: Communication Systems
EEE 459: Communication Networks
EEE 460: Nuclear Power Engineering
EEE 463: Electrical Power Plants
EEE 465: Photovoltaic Energy Conversion
EEE 470: Electric Power Devices
EEE 471: Power System Analysis
EEE 472: Power Electronics and Power Management
EEE 473: Electrical Machinery
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 498: Machine Learning Basics with Deployment to FPGAs
EEE 498: Manufacturing Science of Solar Cells
EEE 498: Networking for Big Data

Math or Science or Engineering Elective
AEE Upper Division Elective
BIO Upper Division Elective
BME Upper Division Elective
CEE Upper Division Elective
CHE Upper Division Elective
CHM Upper Division Elective
CPI Upper Division Elective
CSE Upper Division Elective
IEE Upper Division Elective
MAE Upper Division Elective
MAT Upper Division Elective
MSE Upper Division Elective
PHY Upper Division Elective
FSE 301: Entrepreneurship and Value Creation
STP 420: Introductory Applied Statistics (CS)
STP 421: Probability
Upper Division Technical Elective

Area Pathway Course
EEE 304: Signals and Systems II
EEE 333: Hardware Design Languages and Programmable Logic
EEE 335: Analog and Digital Circuits
EEE 341: Engineering Electromagnetics
EEE 352: Properties of Electronic Materials
EEE 360: Energy Systems and Power Electronics

EEE 498: Science and Technology of Solar Cell Fabrication

EEE 498: Foundations Machine Learning: From Theory to Pract

EEE 498: Renewable Energy Technology and Systems

EEE 492: Honors Directed Study

EEE 493: Honors Thesis (L)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Electrical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESEEEBSE

Term 1 - A 0 - 6 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.
ASU 101-ONL: The ASU Experience	1		
FSE 100: Introduction to Engineering	2		
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• View ASU Online first-year student registration information here. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 12 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
Term hours subtotal:	8		

Term 2 - B 20 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 267: Calculus for Engineers III (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 26 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
EEE 120: Digital Design Fundamentals	3	C	
Term hours subtotal:	7		

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 275: Modern Differential Equations (MA)	3	C	• Prep for success using the Sophomore Guide.
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 202: Circuits I	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 4 - B 46 - 52 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 241: Fundamentals of Electromagnetics	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAT 343: Applied Linear Algebra	3	C	
Term hours subtotal:	6		

Term 5 - A 52 - 58 Credit Hours	Hours	Minimum Grade	Notes
PHY 241: University Physics III	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - B 58 - 65 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 334: Circuits II	4		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EEE 203: Signals and Systems I	3		
Term hours subtotal:	7		

Term 6 - A 65 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 350: Random Signal Analysis	3		
Upper Division Area Pathway Course	4		
Term hours subtotal:	7		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

EEE 230: Computer Organization and Assembly Language Programming	3		• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Area Pathway Course	4		
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Term hours subtotal:	7		

Term 7 - B 85 - 92 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Area Pathway Course	4		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Technical Elective	3		
Term hours subtotal:	7		

Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EEE 488: Senior Design Laboratory I (L)	3		
Upper Division Area Pathway Course	4		
Term hours subtotal:	7		

Term 8 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Math or Science or Engineering Elective	3		
Upper Division Technical Elective	3		
Term hours subtotal:	6		

Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EEE 489: Senior Design Laboratory II (L)	3		
Upper Division Technical Elective	3		
Term hours subtotal:	6		

Term 9 - B 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Technical Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Technical Elective	3		
Term hours subtotal:	3		

- Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.

Hide Course List(s)/Track Group(s)

Technical Electives	Area Pathway Course	Math or Science or Engineering Elective
EEE 404: Real-Time DSP Systems	EEE 304: Signals and Systems II	AEE Upper Division Elective
EEE 407: Digital Signal Processing	EEE 333: Hardware Design Languages and Programmable Logic	BIO Upper Division Elective
EEE 419: Python for Rapid Engineering Solutions	EEE 335: Analog and Digital Circuits	BME Upper Division Elective
EEE 425: Digital Systems and Circuits	EEE 341: Engineering Electromagnetics	CEE Upper Division Elective
EEE 433: Analog Integrated Circuits	EEE 352: Properties of Electronic Materials	CHE Upper Division Elective
EEE 434: Quantum Mechanics for Engineers	EEE 360: Energy Systems and Power Electronics	CHM Upper Division Elective
EEE 435: Fundamentals of CMOS and MEMS		CPI Upper Division Elective
EEE 436: Fundamentals of Solid-State Devices		CSE Upper Division Elective
EEE 439: Semiconductor Facilities and Cleanroom Practices		IEE Upper Division Elective
EEE 443: Antennas for Wireless Communications		MAE Upper Division Elective
EEE 445: Microwaves		MAT Upper Division Elective
EEE 448: Fiber Optics		MSE Upper Division Elective
EEE 459: Communication Networks		PHY Upper Division Elective
EEE 460: Nuclear Power Engineering		Upper Division Technical Elective
EEE 463: Electrical Power Plants		FSE 301: Entrepreneurship and Value Creation
EEE 465: Photovoltaic Energy Conversion		
EEE 470: Electric Power Devices		
EEE 471: Power System Analysis		
EEE 472: Power Electronics and Power Management		
EEE 473: Electrical Machinery		
EEE 480: Feedback Systems		
EEE 481: Computer-Controlled Systems		
EEE 498: Machine Learning Basics with Deployment to FPGAs		
EEE 498: Manufacturing Science of Solar Cells		
EEE 498: Networking for Big Data		

EEE 498: Science and Technology of Solar Cell Fabrication

EEE 498: Foundations Machine Learning: From Theory to Pract

EEE 498: Renewable Energy Technology and Systems

EEE 492: Honors Directed Study

EEE 493: Honors Thesis (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Electrical Engineering (Electric Power and Energy Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEEEPBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-EEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
EEE 120: Digital Design Fundamentals	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 202: Circuits I	4		• Prep for success using the Sophomore Guide.
MAT 267: Calculus for Engineers III (MA)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	

PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Minimum 2.00 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 203: Signals and Systems I	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
EEE 241: Fundamentals of Electromagnetics	3		
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
PHY 241: University Physics III	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 334: Circuits II	4		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EEE 230: Computer Organization and Assembly Language Programming	3		
EEE 350: Random Signal Analysis	3		
EEE 360: Energy Systems and Power Electronics	4		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Area Pathway Course	12		• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 488: Senior Design Laboratory I (L)	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Math or Science or Engineering Elective	3		
Complete 2 courses: Upper Division Power Technical Elective	6		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 489: Senior Design Laboratory II (L)	3		
Upper Division Power Technical Elective	3		
Complete 2 courses: Upper Division Technical Elective	6		

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Technical Electives
EEE 404: Real-Time DSP Systems
EEE 407: Digital Signal Processing
EEE 419: Python for Rapid Engineering Solutions
EEE 425: Digital Systems and Circuits
EEE 433: Analog Integrated Circuits
EEE 434: Quantum Mechanics for Engineers
EEE 435: Fundamentals of CMOS and MEMS
EEE 436: Fundamentals of Solid-State Devices
EEE 437: Optoelectronics
EEE 439: Semiconductor Facilities and Cleanroom Practices
EEE 443: Antennas for Wireless Communications
EEE 445: Microwaves
EEE 448: Fiber Optics
EEE 455: Communication Systems
EEE 459: Communication Networks
EEE 460: Nuclear Power Engineering
EEE 463: Electrical Power Plants
EEE 465: Photovoltaic Energy Conversion
EEE 470: Electric Power Devices
EEE 471: Power System Analysis
EEE 472: Power Electronics and Power Management
EEE 473: Electrical Machinery
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 492: Honors Directed Study
EEE 493: Honors Thesis (L)

Power Technical Electives
EEE 460: Nuclear Power Engineering
EEE 463: Electrical Power Plants
EEE 465: Photovoltaic Energy Conversion
EEE 470: Electric Power Devices
EEE 471: Power System Analysis
EEE 472: Power Electronics and Power Management
EEE 473: Electrical Machinery

Math or Science or Engineering Elective
AEE Upper Division Elective
BIO Upper Division Elective
BME Upper Division Elective
CEE Upper Division Elective
CHE Upper Division Elective
CHM Upper Division Elective
CPI Upper Division Elective
CSE Upper Division Elective
IEE Upper Division Elective
MAE Upper Division Elective
MAT Upper Division Elective
MSE Upper Division Elective
PHY Upper Division Elective
FSE 301: Entrepreneurship and Value Creation
STP 420: Introductory Applied Statistics (CS)
STP 421: Probability
Upper Division Technical Elective

EEE 498: Machine Learning Basics with Deployment to FPGAs
EEE 498: Manufacturing Science of Solar Cells
EEE 498: Networking for Big Data
EEE 498: Science and Technology of Solar Cell Fabrication
EEE 498: Foundations Machine Learning: From Theory to Pract
EEE 498: Renewable Energy Technology and Systems
Area Pathway Course
EEE 304: Signals and Systems II
EEE 333: Hardware Design Languages and Programmable Logic
EEE 335: Analog and Digital Circuits
EEE 341: Engineering Electromagnetics
EEE 352: Properties of Electronic Materials

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Electrical Engineering (Electric Power and Energy Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESEEEPBSE

Term 1 - A 0 - 6 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.
ASU 101-EEE: The ASU Experience	1		
FSE 100: Introduction to Engineering	2		
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• View ASU Online first-year student registration information here. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 12 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
Term hours subtotal:	8		

Term 2 - B 20 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 267: Calculus for Engineers III (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
EEE 120: Digital Design Fundamentals	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
Term hours subtotal:	7		

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	• Prep for success using the Sophomore Guide.
MAT 275: Modern Differential Equations (MA)	3	C	
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 202: Circuits I	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 4 - B 46 - 52 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 241: Fundamentals of Electromagnetics	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAT 343: Applied Linear Algebra	3	C	
Term hours subtotal:	6		

Term 5 - A 52 - 58 Credit Hours	Hours	Minimum Grade	Notes
PHY 241: University Physics III	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - B 58 - 65 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 203: Signals and Systems I	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EEE 334: Circuits II	4		
Term hours subtotal:	7		

Term 6 - A 65 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EEE 350: Random Signal Analysis	3		
EEE 360: Energy Systems and Power Electronics	4		
Term hours subtotal:	7		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

EEE 230: Computer Organization and Assembly Language Programming	3		• Research and prepare for graduate school. • Develop a professional profile online.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Area Pathway Course	4		
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Term hours subtotal:	7		

Term 7 - B 85 - 92 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Area Pathway Course	4		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Power Technical Elective	3		
Term hours subtotal:	7		

Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ EEE 488: Senior Design Laboratory I (L)	3		
★ Upper Division Area Pathway Course	4		
Term hours subtotal:	7		

Term 8 - B 99 - 105 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
Upper Division Math or Science or Engineering Elective	3		
Upper Division Power Technical Elective	3		
Term hours subtotal:	6		

Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ EEE 489: Senior Design Laboratory II (L)	3		
Upper Division Power Technical Elective	3		
Term hours subtotal:	6		

Term 9 - B 111 - 117 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Technical Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Technical Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Technical Electives
EEE 404: Real-Time DSP Systems
EEE 407: Digital Signal Processing
EEE 419: Python for Rapid Engineering Solutions
EEE 425: Digital Systems and Circuits
EEE 433: Analog Integrated Circuits
EEE 434: Quantum Mechanics for Engineers
EEE 435: Fundamentals of CMOS and MEMS
EEE 436: Fundamentals of Solid-State Devices
EEE 439: Semiconductor Facilities and Cleanroom Practices
EEE 443: Antennas for Wireless Communications
EEE 445: Microwaves
EEE 448: Fiber Optics
EEE 455: Communication Systems
EEE 459: Communication Networks
EEE 460: Nuclear Power Engineering
EEE 463: Electrical Power Plants
EEE 465: Photovoltaic Energy Conversion
EEE 470: Electric Power Devices
EEE 471: Power System Analysis
EEE 472: Power Electronics and Power Management
EEE 473: Electrical Machinery
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 492: Honors Directed Study
EEE 493: Honors Thesis (L)
EEE 498: Machine Learning Basics with Deployment to FPGAs
EEE 498: Manufacturing Science of Solar Cells
EEE 498: Networking for Big Data

Math or Science or Engineering Elective
AEE Upper Division Elective
BIO Upper Division Elective
BME Upper Division Elective
CEE Upper Division Elective
CHE Upper Division Elective
CHM Upper Division Elective
CPI Upper Division Elective
CSE Upper Division Elective
IEE Upper Division Elective
MAE Upper Division Elective
MAT Upper Division Elective
MSE Upper Division Elective
PHY Upper Division Elective
Upper Division Technical Elective
FSE 301: Entrepreneurship and Value Creation

Power Technical Electives
EEE 460: Nuclear Power Engineering
EEE 463: Electrical Power Plants
EEE 465: Photovoltaic Energy Conversion
EEE 470: Electric Power Devices
EEE 471: Power System Analysis
EEE 472: Power Electronics and Power Management
EEE 473: Electrical Machinery

EEE 498: Science and Technology of Solar Cell Fabrication
EEE 498: Foundations Machine Learning: From Theory to Pract
EEE 498: Renewable Energy Technology and Systems
Area Pathway Course
EEE 304: Signals and Systems II
EEE 333: Hardware Design Languages and Programmable Logic
EEE 335: Analog and Digital Circuits
EEE 341: Engineering Electromagnetics
EEE 352: Properties of Electronic Materials

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 102: Foundations of Engineering Design Project II	3		• Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 265 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 201: Use-Inspired Design Project I	3	C	• Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	

PHY 121: University Physics I: Mechanics (SQ)	3	C
PHY 122: University Physics Laboratory I (SQ)	1	C
Complete MAT 266 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.
- Prep for success using the Sophomore Guide.
- Consult the Resume, Presentation, and Resource Library for tips on how to create a technical resume, job shadow, do informational interviews and mentor with alumni.

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 202: Use-Inspired Design Project II	3	C	• Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program. • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
EGR 217: Engineering Mechanics Fundamentals	3	C	
EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Complete EGR 216 AND EGR 218 course(s).			
Complete MAT 267 course(s).			
Milestone: Selection of Engineering concentration			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 63
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Engineering (Automotive Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRASBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 102: Foundations of Engineering Design Project II	3		• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 265 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 201: Use-Inspired Design Project I	3	C	• Prep for success using the Sophomore Guide.
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

Complete MAT 266 course(s).			
Complete Mathematics (MA) requirement.			
	Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 202: Use-Inspired Design Project II	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
EGR 217: Engineering Mechanics Fundamentals	3	C	
EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Complete EGR 216 AND EGR 218 course(s).			
Complete MAT 267 course(s).			
Term hours subtotal:	15		

Term 5 63 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 306: Automotive Systems Project I	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EGR 340: Engineering Thermo-Fluids I	3	C	
Secondary Focus Area (EGR 360 recommended)	3		
PHY 321: Vector Mechanics and Vibration	3		
Term hours subtotal:	12		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 316: Automotive Systems Project II	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
EGR 363: Automotive Powertrains and Thermal Systems	3	C	
HST 318: History of Engineering ((L or SB) & G)	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 401: Professional Design Project I (L)	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Students must select a Science Elective from the listed courses below. • Plan for success using the Senior Guide.
EGR 330: Design of Electrical Systems OR EGR 432: Engineering Thermo-Fluids II	3		
Upper Division Secondary Focus Area	3		
Science Elective	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisorto identify their secondary focus area.
EGR 463: Vehicle Electrical Systems and Hybrid Systems	3		
EGR 465: Ground Vehicle Dynamics	3		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Science Elective
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Engineering (Electrical Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRESBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 102: Foundations of Engineering Design Project II	3		• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 265 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 201: Use-Inspired Design Project I	3	C	• Prep for success using the Sophomore Guide.
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

Complete MAT 266 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 202: Use-Inspired Design Project II	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
EGR 217: Engineering Mechanics Fundamentals	3	C	
EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Complete EGR 216 AND EGR 218 course(s).			
Complete MAT 267 course(s).			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 304: Embedded Systems Design Project I	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EGR 330: Design of Electrical Systems	3	C	
HST 318: History of Engineering ((L or SB) & G)	3		
Science Elective (PHY 131 recommended)	3		
Secondary Focus Area	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 314: Embedded Systems Design Project II	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
EGR 334: Analog-Digital Interface	3	C	
EGR 338: Microcontrollers in Smart Systems	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 401: Professional Design Project I (L)	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
EGR 430: Design, Fabrication, and Architecture of Electronic Devices	3		
PHY 331: Principles of Modern Electromagnetism	3		
Upper Division Secondary Focus Area	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.
EGR 431: Power Management OR EGR 476: Microgrid Design and Operation	3		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Science Elective
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Engineering (Mechanical Engineering Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRMEBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 102: Foundations of Engineering Design Project II	3		• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 265 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 201: Use-Inspired Design Project I	3	C	• Prep for success using the Sophomore Guide.
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

Complete MAT 266 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 202: Use-Inspired Design Project II	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
EGR 217: Engineering Mechanics Fundamentals	3	C	
EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Complete EGR 216 AND EGR 218 course(s).			
Complete MAT 267 course(s).			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 303: Mechanical Systems Project I	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EGR 340: Engineering Thermo-Fluids I	3	C	
PHY 321: Vector Mechanics and Vibration	3		
Secondary Focus Area	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 313: Mechanical Systems Project II	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
EGR 343: Mechanics of Solid Materials	3	C	
HST 318: History of Engineering ((L or SB) & G)	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 401: Professional Design Project I (L)	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
EGR 432: Engineering Thermo-Fluids II	3		
EGR 444: Engineering Design	3	C	
Upper Division Secondary Focus Area	3		
Science Elective	3		
Term hours subtotal:	15		

- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.
EGR 445: Mechanical Engineering Systems	3		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Science Elective
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Engineering (Robotics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRRBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 102: Foundations of Engineering Design Project II	3		• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 265 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 201: Use-Inspired Design Project I	3	C	• Prep for success using the Sophomore Guide.
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

Complete MAT 266 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 202: Use-Inspired Design Project II	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
EGR 217: Engineering Mechanics Fundamentals	3	C	
EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Complete EGR 216 AND EGR 218 course(s).			
Complete MAT 267 course(s).			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 304: Embedded Systems Design Project I	3	C	• If Electrical, must take EGR 330. • If Mechanical, must take EGR 343. • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
EGR 455: Robotic Systems I	3	C	
EGR 330: Design of Electrical Systems OR EGR 343: Mechanics of Solid Materials	3	C	
PHY 321: Vector Mechanics and Vibration	3		
Secondary Focus Area	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 314: Embedded Systems Design Project II	3	C	• If Electrical, must take EGR 334. • If Mechanical, must take EGR 444. • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
EGR 334: Analog-Digital Interface OR EGR 444: Engineering Design	3		
EGR 456: Robotic Systems II	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 401: Professional Design Project I (L)	3	C	• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For
Upper Division Secondary Focus Area	3		
Science Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Term hours subtotal:	15	

example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.
EGR 433: Transforms and Systems Modeling	3		
HST 318: History of Engineering ((L or SB) & G)	3		
Upper Division Secondary Focus Area	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Science Elective
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Engineering Management, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEMGBSE

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-IEE: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. • Students taking CHM 113 for Basic Science Elective need to earn a "C" minimum grade and complete CHM 116 for the degree. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Basic Science Elective	3-4		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15-16		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ECN 212: Microeconomic Principles (SB)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107.			
Complete MAT 170 OR MAT 265 OR MAT 270 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	

ACC 231: Uses of Accounting Information I	3	C	• Students with credit for CHM 113 must take CHM 116. • Prep for success using the Sophomore Guide.
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
MAT 267: Calculus for Engineers III (MA)	3	C	
Global Engineering/Sustainability/Entrepreneurship Course	3-4		
Complete MAT 266 OR MAT 271 course(s).			
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16-17		

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
ACC 241: Uses of Accounting Information II	3	C	
Math or Science Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) (PSY 101 recommended)	3		
Term hours subtotal:	15		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 431: Engineering Administration (L)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
IEE 300: Economic Analysis for Engineers	3	C	
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
MGT 300: Organization and Management Leadership	3	C	
Industry Focus Area Elective	3	C	
Term hours subtotal:	15		

Term 6 77 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 321: Professional Engineering Practice	1	C	• Recommend Upper Division (SB) and (C) Course: FSE 394 "Engineering for Humanity"
IEE 458: Project Management	3	C	
IEE 369: Work Analysis and Design (L)	3	C	
IEE 381: Lean Six Sigma Methodology	3	C	
IEE 477: System Dynamics and Thinking	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 485: Systems Design Capstone I (L)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
IEE 454: Risk Management	3	C	
Math or Science Elective	3	C	

Complete 2 courses: Upper Division Industry Focus Area Elective	6	C	• Complete an in person or virtual practice interview.
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IEE 486: Systems Design Capstone II (L)	3	C	
IEE 456: Introduction to Systems Engineering	3	C	
Complete 2 courses: Upper Division Industry Focus Area Elective	6	C	
Term hours subtotal:	12		

- Some Industry Focus Area Electives are sequential and may be offered only in the Fall or Spring semester.
- Some Industry Focus Area Electives may require additional prerequisites.
- For additional information on major curriculum, including Industry Focus Area Electives, please visit theEngineering Management Degree Requirements website.

Hide Course List(s)/Track Group(s)

Basic Science Elective
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
BME 111: Engineering Perspectives on Biological Systems
CHM 113: General Chemistry I (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
GLG 102: Introduction to Geology II (Historical) (SG & H)
GLG 110: Dangerous World (SQ & G)
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
PHY 241: University Physics III

Global Engineering/Sustainability/Entrepreneurship
ABS 270: Sustainable Biological Systems
ALA 102: Landscapes and Sustainability (HU & G)
CEE 181: Technological, Social, and Sustainable Systems (HU)
FSE 150: Perspectives on Grand Challenges for Engineering (SB)
FSE 301: Entrepreneurship and Value Creation
PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G)
SES 106: Habitable Worlds (SQ)
SOS 100: Introduction to Sustainability (G)
SOS 110: Sustainable World (SB)
SOS 171: The Thread of Energy (SB & G) or GCU 171: The Thread of Energy (SB & G)

Industry Focus Area Elective (Business Analytics Industry)
IEE 376: Operations Research Deterministic Techniques/Applications
IEE 385: Engineering Statistics: Probability
IEE 3** Elective
IEE 461: Production Control
IEE 474: Quality Control
IEE 4** Elective
Not From IEE 431 or IEE 454 or IEE 456 or IEE 458 or IEE 485 or IEE 486
Math or Science Elective (Business Analytics Industry)
MAT 275: Modern Differential Equations (MA)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

Industry Focus Area Elective (Communication and Networks Industry)
EEE 202: Circuits I
EEE 203: Signals and Systems I
EEE 350: Random Signal Analysis

Industry Focus Area Elective (Electronics and Semiconductor Industry)
EEE 202: Circuits I
EEE 241: Fundamentals of Electromagnetics
EEE 352: Properties of Electronic Materials

Industry Focus Area Elective (Mechanical Systems Industry)
Required Courses
CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)

EEE 455: Communication Systems	EEE 434: Quantum Mechanics for Engineers	MAE 201: Mechanics of Particles and Rigid Bodies I: Statics
EEE 459: Communication Networks	EEE 435: Fundamentals of CMOS and MEMS	MAE 241: Introduction to Thermodynamics
Math or Science Elective (Communication and Networks industry)	EEE 436: Fundamentals of Solid-State Devices	Elective Choices
MAT 275: Modern Differential Equations (MA)	EEE 439: Semiconductor Facilities and Cleanroom Practices	MEE 340: Heat Transfer
PHY 131: University Physics II: Electricity and Magnetism (SQ)	Math or Science Elective (Electronics and Semiconductor Industry)	MEE 434: Internal Combustion Engines
	MAT 275: Modern Differential Equations (MA)	MEE 482: Intermediate Thermodynamics
	PHY 131: University Physics II: Electricity and Magnetism (SQ)	MSE 355: Structure and Defects
		Math or Science Elective (Mechanical Systems Industry)
		MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics
		MAT 275: Modern Differential Equations (MA)
		MSE 250: Structure and Properties of Materials
		PHY 131: University Physics II: Electricity and Magnetism (SQ)
Industry Focus Area Elective (Power Systems Industry)	Industry Focus Area Elective (Software Industry)	Industry Focus Area Elective (Sustainable and Environmentally Benign Industry)
EEE 202: Circuits I	CSE 240: Introduction to Programming Languages or CSE 220: Programming for Computer Engineering	CEE 213: Introduction to Deformable Solids
EEE 241: Fundamentals of Electromagnetics	CSE 310: Data Structures and Algorithms	CEE 361: Introduction to Environmental Engineering
EEE 360: Energy Systems and Power Electronics	CSE 360: Introduction to Software Engineering	CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)
EEE 463: Electrical Power Plants	CSE 3** Elective	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
EEE 470: Electric Power Devices	CSE 4** Elective	CEE 467: Environmental Microbiology
EEE 472: Power Electronics and Power Management	Math or Science Elective (Software Industry)	CEE 470: Sustainable Environmental Biotechnologies
Math or Science Elective (Power Systems Industry)	MAT 243: Discrete Mathematical Structures (required)	Math or Science Elective (Sustainable and Environmentally Benign Industry
MAT 275: Modern Differential Equations (MA)	General Math or Science Course Approved by SCAI Advisor	CEE 210: Engineering Mechanics I: Statics or EVE 214: Environmental Engineering Mechanics
PHY 131: University Physics II: Electricity and Magnetism (SQ)		MAT 275: Modern Differential Equations (MA)

Notes:

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first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Engineering Management, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESEMGBSE

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-FSE: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• View ASU Online first-year student registration information here. • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	
Social-Behavioral Sciences (SB) (PSY 101 recommended)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 24 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSE 100: Introduction to Engineering	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
Basic Science Elective	3-4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	5-6		

Term 3 - A 24 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
Term hours subtotal:	6		

Term 3 - B 30 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Prep for success using the Sophomore Guide.
ECN 212: Microeconomic Principles (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 36 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Term hours subtotal:	7		

Term 4 - B 43 - 49 Credit Hours	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAT 343: Applied Linear Algebra	3	C	
Term hours subtotal:	6		

Term 5 - A 49 - 55 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - B 55 - 61 Credit Hours	Hours	Minimum Grade	Notes
Math or Science Elective	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
Global Engineering/Sustainability/Entrepreneurship Course	3-4		
Term hours subtotal:	6-7		

Term 6 - A 61 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 300: Economic Analysis for Engineers	3	C	
Industry Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 67 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 454: Risk Management	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 74 - 80 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 458: Project Management	3	C	

Math or Science Elective	3	C
Term hours subtotal:	6	

Term 7 - B 80 - 86 Credit Hours	Hours	Minimum Grade	Notes
IEE 431: Engineering Administration (L)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Industry Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
IEE 369: Work Analysis and Design (L)	3	C	
IEE 381: Lean Six Sigma Methodology	3	C	
Term hours subtotal:	6		

Term 8 - B 92 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 321: Professional Engineering Practice	1	C	
Upper Division Industry Focus Area Elective	3	C	
Term hours subtotal:	4		

Term 9 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 485: Systems Design Capstone I (L)	3	C	
IEE 477: System Dynamics and Thinking	3	C	
Term hours subtotal:	6		

Term 9 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Industry Focus Area Elective	6	C	
Term hours subtotal:	6		

Term 10 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 486: Systems Design Capstone II (L)	3	C	
IEE 456: Introduction to Systems Engineering	3	C	
Term hours subtotal:	6		

Term 10 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

- Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.

- Some Industry Focus Area Electives are sequential and may be offered only in the Fall or Spring semester.
- Some Industry Focus Area Electives may require additional prerequisites.
- For more information on Industry Focus Areas please visit theSCAI website.

Hide Course List(s)/Track Group(s)

Basic Science Elective
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
CHM 113: General Chemistry I (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
GLG 102: Introduction to Geology II (Historical) (SG & H)
GLG 110: Dangerous World (SQ & G)
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
PHY 241: University Physics III

Industry Focus Area (Software Engineering)
Required Courses:
SER 222: Design and Analysis of Data Structures and Algorithms
SER 334: Operating Systems and System Programming
Complete 3 classes from the list below:
SER 321: Principles of Distributed Software Systems
SER 322: Principles of Database Management
SER 421: Web-Based Applications
SER 422: Web Application Programming
SER 423: Mobile Systems
Math and Science Elective (Software Engineering Industry)
CSE 230: Computer Organization and Assembly Language Programming
MAT 243: Discrete Mathematical Structures

Global Engineering/Sustainability/Entrepreneurship
ABS 270: Sustainable Biological Systems
FSE 301: Entrepreneurship and Value Creation
PUP 190: Sustainable Cities ((HU or SB) & G)
SES 106: Habitable Worlds (SQ)
SOS 100: Introduction to Sustainability (G)
SOS 110: Sustainable World (SB)
SOS 111: Sustainable Cities ((HU or SB) & G)

Industry Focus Area (Business Analytics)
Complete 5 classes from the list below:
IEE 376: Operations Research Deterministic Techniques/Applications
IEE 385: Engineering Statistics: Probability
IEE 3** Elective
IEE 461: Production Control
IEE 474: Quality Control
IEE 4** Elective
Math or Science Elective (Business Analytics Industry)
MAT 275: Modern Differential Equations (MA)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Environmental Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEVEBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSE 100: Introduction to Engineering	2	C	• ASU 101 is required of all first-year students; FSE 394 is required for all new transfer students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-EVE: The ASU Experience	1		
CHM 113: General Chemistry I (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
CEE 181: Technological, Social, and Sustainable Systems (HU)	3		
CHM 116: General Chemistry II (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 275: Modern Differential Equations (MA)	3	C	• Prep for success using the Sophomore Guide.
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
EVE 261: Introduction to Environmental Processes	3	C	
EVE 290: Statistics and Probability for Environmental Data	3		
Social-Behavioral Sciences (SB)	3		

Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
	Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CHE 211: Introduction to Chemical Processing	3	C	
EVE 214: Environmental Engineering Mechanics	3	C	
EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes	3		
GLG 101: Introduction to Geology I (Physical) (SQ) or GLG 108: Water Planet (SQ) or GLG 110: Dangerous World (SQ & G)	3-4		
Term hours subtotal:	15-16		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EVE 303: Environmental Engineering Fundamentals: Microbiological Processes	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CEE 213: Introduction to Deformable Solids	3		
CEE 300: Engineering Business Practice (L)	3		
CEE 384: Numerical Methods for Engineers (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 6 77 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEE 341: Fluid Mechanics for Civil Engineers	4		• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
EVE 304: Environmental Engineering Processes Lab	2		
EVE 452: Environmental Investigation and Remediation Design	3		
EVE 354: Materials in the Environment	4		
Environmental Elective	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Summer 6 91 - 92 Credit Hours	Hours	Minimum Grade	Notes
EVE 484: Internship	1	C	
Term hours subtotal:	1		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEE 467: Environmental Microbiology	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	3		
CEE 440: Hydrology	3		
CEE 462: Unit Operations in Environmental Engineering	3		
Environmental Elective	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEE 486: Integrated Civil Engineering Design (L)	4		
CEE 441: Water Resources Engineering	3		
ERM 401: Hazardous Waste Management	3		
Environmental Elective	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Environmental Electives

- ASB 326: Human Impacts on Ancient Environments (SB & H)
- ASB 370: Ethics of Eating (L or SB)
- BIO 324: Environmental Ethics (HU)
- CEE 351: Geotechnical Engineering
- CEE 372: Transportation Engineering
- CEE 466: Urban Water System Design
- CEE 470: Sustainable Environmental Biotechnologies
- CEE 485: Sustainable Civil and Environmental Systems Engineering
- CHE 469: Air Quality Engineering
- CHM 231: Elementary Organic Chemistry (SQ)
- CHM 233: General Organic Chemistry I
- CHM 240: Mathematical Methods in Chemistry (CS)
- CHM 302: Environmental Chemistry
- CHM 325: Analytical Chemistry
- CHM 327: Instrumental Analysis
- ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
- ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
- ENG 367: Water, Dams and Culture (L or HU)
- ENG 371: Rhetoric of the Environmental Movement
- ENG 378: Environmental Creative Nonfiction (L or HU)

ENG 468: Environmental Literary Criticism (L or HU)

EVE 492: Honors Directed Study

EVE 493: Honors Thesis (L)

EVE 494: Special Topics

EVE 498: Pro-Seminar

EVE 499: Individualized Instruction

FSE 301: Entrepreneurship and Value Creation

HST 342: U.S. West 20th Century (SB & H)

HST 345: Environmental History (L)

JUS 332: Politics of Energy Policy and Justice

JUS 444: Environment and Justice (L & C)

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
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Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
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General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Environmental and Resource Management, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSETMBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Students wishing to take HSE 230 in Term 3 should complete HSE 101 in Term 2. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) (HSE 101 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 28 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ERM 201: Environmental Management	3	C	• Prep for success using the Sophomore Guide.
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
STP 226: Elements of Statistics (CS) OR HSE 230: Statistics for Human Systems Research I (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete CHM 113 course(s).			
Complete MAT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 43 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ERM 203: Environmental Regulations	3	C	• Pursue an undergraduate research experience . • Apply for internships. • Attend career fairs and events. • Students interested in taking EVE courses should check pre-requisites. These courses are only offered on the Tempe campus.
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Technical Elective	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 59 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ERM 407: Occupational Hygiene	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
ERM 432: Sustainable Solid Waste Management	3		
ERM Upper Division Elective	3		
Technical Elective	3		
Upper Division Literacy and Critical Inquiry (L) (TWC 446 recommended)	3		
Complete CHM 231 course(s).			
Term hours subtotal:	15		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ERM 302: Water and Wastewater Treatment Technology	3	C	• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
ERM 401: Hazardous Waste Management	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	4		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ERM 402: Unit Treatment Technologies	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
ERM Upper Division Elective	3		
Upper Division Technical Elective	3		
Technical Elective	3		
Elective OR ERM 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ERM 480: Senior Project	3	C	
ERM 406: Environmental Chemistry	3		
ERM 428: International Environmental Management (G)	3		
Upper Division Technical Elective	3		
Technical Elective	3		

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Technical Elective(s)
ABS Elective
AGB Elective
BIO Elective
CEE Elective
CHM Elective
CIS Elective
CSE Elective
ECN Elective
EDT Elective
EGR Elective
EVE Elective
FSE Elective
GIS Elective
GLG Elective
GPH Elective
HSE Elective
IFT Elective
MAT Elective
MFG Elective
OMT Elective
PHY Elective
PUP Elective
SOS Elective
TEM Elective
TMC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Graphic Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSGITBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
GIT 210: Creative Thinking and Design Visualization	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 230: Digital Illustration in Publishing	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 250: Introduction to Commercial Print	3		• Prep for success using the Sophomore Guide.
TMC 110: Understanding the Enterprise	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 215: Introduction to Web Authoring	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 315: Digital Video Techniques	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 384: Commercial Photography	3		
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Primary Focus Area	3		
Secondary Focus Area	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 303: Digital Publishing	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement. • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
GIT 314: Multimedia Design, Planning and Storyboards	3		
Primary Focus Area	3		
Secondary Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 480: Senior Project	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
GIT 450: Digital Workflow in Graphic Industries	3		
Upper Division Primary Focus Area	3		
Secondary Focus Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 413: Professional Portfolio Design and Presentation	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.
GIT 432: Graphic Industry Business Practices	3		
Upper Division Primary Focus Area	3		
Upper Division Secondary Focus Area	3		
GIT Upper Division Elective	3		

Term hours subtotal:	15	• Complete an in person or virtual practice interview.

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum six hours of upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Digital Design, Print, and Publishing
GIT 333: Printing Technology
GIT 334: Image Editing and Manipulation
GIT 437: Color Reproduction Systems
GIT 494: Special Topics
TWC 411: Principles of Visual Communication (L)

Front-End Web Development
GIT 337: Web Content Design
GIT 414: Web Site Design and Internet/Web Technologies
GIT 417: Advanced Web Markup and Scripting
GIT 418: Multimedia Authoring, Scripting and Production

Motion Graphics/Visual Effects
GIT 211: Introduction to Video Game Art
GIT 312: 3-D Computer Graphics Modeling and Representation (CS)
GIT 334: Image Editing and Manipulation
GIT 411: Computer Animation
GIT 494: Special Topics

Commercial Photography and Video
GIT 334: Image Editing and Manipulation
GIT 415: Advanced Digital Video Techniques
GIT 445: 360 Production
GIT 490: Advanced Commercial Photography
GIT 494: Special Topics

Interaction Design
GIT 340: Information Design and Usability
GIT 402: New Media Internet Technologies
GIT 435: Website and E-Commerce Strategies
GIT 494: Cross-Media Design Solutions
GIT 494: Special Topics

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Graphic Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
TSGITBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.
GIT 135: Graphic Communications	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	• View ASU Online first-year student registration information here. • Prep for success using the First-Year Student Guide • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 210: Creative Thinking and Design Visualization	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 2 - B 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 230: Digital Illustration in Publishing	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 250: Introduction to Commercial Print	3		
TMC 110: Understanding the Enterprise	3		

	Term hours subtotal:	6	

Term 3 - B 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Prep for success using the Sophomore Guide.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 45 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 215: Introduction to Web Authoring	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
Elective	3		
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours	Hours	Minimum Grade	Notes
GIT 384: Commercial Photography	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Primary Focus Area	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 315: Digital Video Techniques	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
Secondary Focus Area	3		
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 303: Digital Publishing	3		• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 314: Multimedia Design, Planning and Storyboards	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at
Primary Focus Area	3		

Secondary Focus Area	3	least 3 credit hours must be at the upper-division level) which form a coherent theme.
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	9	

Term 7 - A 90 - 99 Credit Hours	Hours	Minimum Grade	Notes
GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division Primary Focus Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 480: Senior Project	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.
Secondary Focus Area	3		
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		
Upper Division Primary Focus Area	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.
Upper Division Secondary Focus Area	3		
GIT Upper Division Elective	3		
Term hours subtotal:	9		

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum of six upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Digital Design, Print, and Publishing	Interaction Design	Motion Graphics/Visual Effects
GIT 333: Printing Technology	GIT 340: Information Design and Usability	GIT 211: Introduction to Video Game Art
GIT 334: Image Editing and Manipulation	GIT 402: New Media Internet Technologies	GIT 312: 3-D Computer Graphics Modeling and Representation (CS)
GIT 437: Color Reproduction Systems	GIT 435: Website and E-Commerce Strategies	GIT 334: Image Editing and Manipulation
GIT 494: Special Topics	GIT 494: Cross-Media Design Solutions	GIT 411: Computer Animation
TWC 411: Principles of Visual Communication (L)	GIT 494: Special Topics	GIT 494: Special Topics
Front-End Web Development	Commercial Photography and Video	

GIT 337: Web Content Design	GIT 334: Image Editing and Manipulation
GIT 414: Web Site Design and Internet/Web Technologies	GIT 415: Advanced Digital Video Techniques
GIT 417: Advanced Web Markup and Scripting	GIT 445: 360 Production
GIT 418: Multimedia Authoring, Scripting and Production	GIT 490: Advanced Commercial Photography
	GIT 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Graphic Information Technology (Full-Stack Web Development), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESGITFSWBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students. LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
GIT 210: Creative Thinking and Design Visualization	3		
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 230: Digital Illustration in Publishing	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 250: Introduction to Commercial Print	3		
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 101: Information Technology Programming Logic	3	C	• Prep for success using the Sophomore Guide.
TMC 110: Understanding the Enterprise	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 215: Introduction to Web Authoring	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
IFT 200: Information Modeling, Storage and Retrieval	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 337: Web Content Design	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 303: Digital Publishing	3		
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
IFT 210: Introduction to Java Technologies	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 314: Multimedia Design, Planning and Storyboards	3		• Thinking about graduate school? Consider registering for a grad school test prep course. • Develop a professional profile online.
GIT 414: Web Site Design and Internet/Web Technologies	3		
IFT 458: Middleware Programming and Database Security	3	C	
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
GIT 417: Advanced Web Markup and Scripting	3	C	
GIT 480: Senior Project	3		
Upper Division Full-Stack Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 413: Professional Portfolio Design and Presentation	3		• Complete an in person or virtual practice interview.
GIT 418: Multimedia Authoring, Scripting and Production	3		
GIT 432: Graphic Industry Business Practices	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Full-Stack Elective
GIT 340: Information Design and Usability
GIT 435: Website and E-Commerce Strategies
IFT 300: Intermediate Database Management Systems
IFT 365: Applied Programming Language for Information Technology
IFT 494: Appl Multi Tier End to End Application Development

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Graphic Information Technology (Full-Stack Web Development), BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESGITFSWBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
GIT 210: Creative Thinking and Design Visualization	3		• View ASU Online first-year student registration information here.
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 230: Digital Illustration in Publishing	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Term hours subtotal:	9		

Term 2 - B 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 250: Introduction to Commercial Print	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 32 - 42 Credit Hours	Hours	Minimum Grade	Notes
IFT 101: Information Technology Programming Logic	3	C	

TMC 110: Understanding the Enterprise	3	• Prep for success using the Sophomore Guide.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Term hours subtotal:	10	

Term 3 - B 42 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 48 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 215: Introduction to Web Authoring	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
IFT 200: Information Modeling, Storage and Retrieval	3	C	
Term hours subtotal:	6		

Term 4 - B 54 - 63 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 63 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 337: Web Content Design	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 303: Digital Publishing	3		
IFT 210: Introduction to Java Technologies	3	C	
Term hours subtotal:	9		

Term 5 - B 72 - 78 Credit Hours	Hours	Minimum Grade	Notes
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
Term hours subtotal:	6		

Term 6 - A 78 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 314: Multimedia Design, Planning and Storyboards	3		• Thinking about graduate school? Consider registering for a grad school test prep course . • Develop a professional profile online.
GIT 414: Web Site Design and Internet/Web Technologies	3		
Term hours subtotal:	6		

Term 6 - B 84 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 458: Middleware Programming and Database Security	3	C	
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	9	

Term 7 - A 93 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
GIT 417: Advanced Web Markup and Scripting	3	C	
GIT 480: Senior Project	3		
Term hours subtotal:	9		

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Full-Stack Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
GIT 418: Multimedia Authoring, Scripting and Production	3		• Complete an in person or virtual practice interview.
GIT 432: Graphic Industry Business Practices	3		
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Full-Stack Elective
GIT 340: Information Design and Usability
GIT 435: Website and E-Commerce Strategies
IFT 300: Intermediate Database Management Systems
IFT 365: Applied Programming Language for Information Technology
IFT 494: Appl Multi Tier End to End Application Development

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Graphic Information Technology (User Experience), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESGITUEBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students. LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
GIT 210: Creative Thinking and Design Visualization	3		
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 230: Digital Illustration in Publishing	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 250: Introduction to Commercial Print	3		
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS)	3	C	• Prep for success using the Sophomore Guide.
TMC 110: Understanding the Enterprise	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 215: Introduction to Web Authoring	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
HSE 225: Human Systems Integration	3	C	
HSE 290: Experimental Methods for Human Systems Research (L)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 337: Web Content Design	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 303: Digital Publishing	3		
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 314: Multimedia Design, Planning and Storyboards	3		• Thinking about graduate school? Consider registering for a grad school test prep course. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
GIT 340: Information Design and Usability	3		
GIT 414: Web Site Design and Internet/Web Technologies	3		
HSE 390: Qualitative Research Methods (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
GIT 480: Senior Project	3		
HSE 325: Human-Computer Interaction	3	C	
TWC 301: Fundamentals of Writing for Digital Media (L)	3		
GIT Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 413: Professional Portfolio Design and Presentation	3		• Complete an in person or virtual practice interview.
GIT 432: Graphic Industry Business Practices	3		
TWC 414: Visualizing Data and Information	3		
TWC 444: User Experience	3		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
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Total Community College Hrs: 64 maximum

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- Natural Science - General (SG)

General Studies Awareness Requirements:

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First-Year Composition

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2022 - 2023 Major Map

Graphic Information Technology (User Experience), BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESGITUEBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students. LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
GIT 210: Creative Thinking and Design Visualization	3		• View ASU Online first-year student registration information here.
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 230: Digital Illustration in Publishing	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Term hours subtotal:	9		

Term 2 - B 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 250: Introduction to Commercial Print	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 32 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIT 215: Introduction to Web Authoring	3	C	

TMC 110: Understanding the Enterprise	3		• Prep for success using the Sophomore Guide.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	10		

Term 3 - B 42 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 48 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 225: Human Systems Integration	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 4 - B 54 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 290: Experimental Methods for Human Systems Research (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 337: Web Content Design	3		• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 303: Digital Publishing	3		
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 314: Multimedia Design, Planning and Storyboards	3		• Thinking about graduate school? Consider registering for a grad school test prep course. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
GIT 340: Information Design and Usability	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIT 414: Web Site Design and Internet/Web Technologies	3		
HSE 390: Qualitative Research Methods (L)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	6

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
TWC 414: Visualizing Data and Information	3		
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
HSE 325: Human-Computer Interaction	3	C	
TWC 301: Fundamentals of Writing for Digital Media (L)	3		
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 480: Senior Project	3		• Complete an in person or virtual practice interview.
GIT 413: Professional Portfolio Design and Presentation	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		
TWC 444: User Experience	3		
GIT Elective	3		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
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First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Human Systems Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESHSEBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 290: Experimental Methods for Human Systems Research (L)	3	C	• Prep for success using the Sophomore Guide.
HSE 223: Applied Biology of Human Behavior (SB)	3	C	
HSE 224: Applied Social Science (SB)	3	C	
Technical Elective	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 225: Human Systems Integration	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic	3		
Technical Elective	3		
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 324: Applied Cognitive Science (SB)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
HSE 390: Qualitative Research Methods (L)	3	C	
HSE Elective	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 323: Perceptual Systems (SB)	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
HSE 325: Human-Computer Interaction	3	C	
Upper Division HSE Elective	3		
Technical Elective	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 430: Statistics for Human Systems Research II (CS)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Complete 2 courses: Upper Division HSE Elective	6		
Upper Division Technical Elective	3		
Upper Division Elective OR HSE 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 477: Human Systems Engineering Capstone Experience	3	C	
Complete 2 courses: Upper Division HSE Elective	6		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- Technical Electives should be chosen from the prefixes below. Three credit hours must be upper-division.

Hide Course List(s)/Track Group(s)

Technical Electives	HSE Elective
AME Elective	HSE 422: Human Factors in Sport
AMT Elective	HSE 423: Human Factors in Transportation
BIO Elective	HSE 424: Human Automation Interaction
BME Elective	HSE 425: Human Factors in Medical Systems
BMI Elective	HSE 426: Training and Expertise
CAP Elective	HSE 427: Designing for Learning
CIS Elective	HSE 428: Judgment and Decision Making
CSE Elective	HSE 429: Product Design and Evaluation
EEE Elective	HSE 484: Internship
EGR Elective	HSE 494: Special Topics
GIT Elective	HSE 499: Individualized Instruction
HSE Elective	
IEE Elective	
IFT Elective	
MFG Elective	
OMT Elective	
PSY Elective	
SER Elective	
TEM Elective	
TMC Elective	
TWC Elective	

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
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- Natural Science - Quantitative (SQ)
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First-Year Composition

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2022 - 2023 Major Map

Human Systems Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESHSEBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the Freshman Guide. • Join a Fulton community. • Explore engineering and technical professions.
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	• View ASU Online first-year student registration information here.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 24 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	10		

Term 2 - B 24 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSE 100: Introduction to Engineering	2		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 30 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

HSE 290: Experimental Methods for Human Systems Research (L)	3	C	• Prep for success using the Sophomore Guide. • Consult the Resume, Presentation, and Resource Library for tips on how to create a technical resume, job shadow, do informational interviews and mentor with alumni.
HSE 223: Applied Biology of Human Behavior (SB)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 3 - B 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 224: Applied Social Science (SB)	3	C	
Technical Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 225: Human Systems Integration	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic	3		
Term hours subtotal:	6		

Term 4 - B 51 - 60 Credit Hours	Hours	Minimum Grade	Notes
Technical Elective	3		
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 324: Applied Cognitive Science (SB)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
HSE Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
HSE 390: Qualitative Research Methods (L)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 323: Perceptual Systems (SB)	3	C	• Research and prepare for graduate school . • Apply for an engineering 4+1 program. • Develop a professional profile online.
Upper Division HSE Elective	3		
Technical Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 325: Human-Computer Interaction	3	C	

Upper Division Elective	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 90 - 99 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 430: Statistics for Human Systems Research II (CS)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division HSE Elective	3		
Upper Division Technical Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division HSE Elective	3		
Upper Division Elective OR HSE 484: Internship	3		
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 477: Human Systems Engineering Capstone Experience	3	C	
Upper Division HSE Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division HSE Elective	3		
Elective	3		
Term hours subtotal:	6		

- Technical electives should be chosen from the prefixes below. Three credit hours must be upper-division.

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Technical Electives	HSE Electives
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BMI Elective	HSE 423: Human Factors in Transportation
CIS Elective	HSE 424: Human Automation Interaction
CSE Elective	HSE 425: Human Factors in Medical Systems
EEE Elective	HSE 426: Training and Expertise
GIT Elective	HSE 427: Designing for Learning
HSE Elective	HSE 428: Judgment and Decision Making
IEE Elective	HSE 429: Product Design and Evaluation
IFT Elective	HSE 484: Internship

OMT Elective	HSE 494: Special Topics
PSY Elective	HSE 499: Individualized Instruction
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- Global Awareness (G)
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ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 290: Experimental Methods for Human Systems Research (L)	3	C	• Prep for success using the Sophomore Guide.
HSE 223: Applied Biology of Human Behavior (SB)	3	C	
HSE 224: Applied Social Science (SB)	3	C	
User Experience Concentration Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 225: Human Systems Integration	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic	3		
User Experience Concentration Course	3	C	
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 324: Applied Cognitive Science (SB)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
HSE 390: Qualitative Research Methods (L)	3	C	
Upper Division HSE Elective	3		
User Experience Concentration Course	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 323: Perceptual Systems (SB)	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
HSE 325: Human-Computer Interaction	3	C	
Complete 2 courses: Upper Division HSE Elective	6		
User Experience Concentration Course	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 430: Statistics for Human Systems Research II (CS)	3		• Plan for success using the Senior Guide. • Apply for full-time positions. • Complete an in person or virtual practice interview.
Complete 2 courses: Upper Division User Experience Concentration Course	6	C	
Upper Division Elective OR HSE 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 477: Human Systems Engineering Capstone Experience	3	C	
Upper Division User Experience Concentration Course	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- Students must take seven classes from the User Experience Concentration list below, and three classes from the HSE Electives list below.

Hide Course List(s)/Track Group(s)

User Experience Concentration
GIT 135: Graphic Communications
GIT 210: Creative Thinking and Design Visualization
GIT 215: Introduction to Web Authoring
GIT 230: Digital Illustration in Publishing
GIT 337: Web Content Design
GIT 340: Information Design and Usability
GIT 402: New Media Internet Technologies
GIT 414: Web Site Design and Internet/Web Technologies
GIT 417: Advanced Web Markup and Scripting
GIT 418: Multimedia Authoring, Scripting and Production
GIT 494: UI/UX Consulting
HSE 427: Designing for Learning
HSE 429: Product Design and Evaluation
TWC 411: Principles of Visual Communication (L)
TWC 414: Visualizing Data and Information
TWC 421: Principles of Web Authoring (L)
TWC 444: User Experience

HSE Elective
HSE 422: Human Factors in Sport
HSE 423: Human Factors in Transportation
HSE 424: Human Automation Interaction
HSE 425: Human Factors in Medical Systems
HSE 426: Training and Expertise
HSE 427: Designing for Learning
HSE 428: Judgment and Decision Making
HSE 429: Product Design and Evaluation
HSE 484: Internship
HSE 494: Special Topics
HSE 499: Individualized Instruction

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Human Systems Engineering (User Experience), BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESHSEUEBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	• View ASU Online first-year student registration information here.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 23 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Elective	1		
Term hours subtotal:	9		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 30 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

HSE 290: Experimental Methods for Human Systems Research (L)	3	C	• Prep for success using the Sophomore Guide.
HSE 223: Applied Biology of Human Behavior (SB)	3	C	
Term hours subtotal:	6		

Term 3 - B 36 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 224: Applied Social Science (SB)	3	C	
User Experience Concentration Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 225: Human Systems Integration	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic	3		
Term hours subtotal:	6		

Term 4 - B 51 - 60 Credit Hours	Hours	Minimum Grade	Notes
User Experience Concentration Course	3	C	
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 324: Applied Cognitive Science (SB)	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
Upper Division HSE Elective	3		
User Experience Concentration Course	3	C	
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
HSE 390: Qualitative Research Methods (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 323: Perceptual Systems (SB)	3	C	• Research and prepare for graduate school . • Apply for an engineering 4+1 program. • Develop a professional profile online.
Upper Division HSE Elective	3		
User Experience Concentration Course	3	C	
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSE 325: Human-Computer Interaction	3	C	
Upper Division HSE Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
	Term hours subtotal:	6	

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSE 430: Statistics for Human Systems Research II (CS)	3		• Plan for success using the Senior Guide. • Apply for full-time positions. • Complete an in person or virtual practice interview.
Upper Division User Experience Concentration Course	3	C	
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division User Experience Concentration Course	3	C	
Upper Division Elective OR HSE 484: Internship	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSE 477: Human Systems Engineering Capstone Experience	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division User Experience Concentration Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

- Students must take seven courses from the User Experience Concentration list below, and three courses from the HSE Electives list below.

Hide Course List(s)/Track Group(s)

User Experience Concentration
GIT 135: Graphic Communications
GIT 210: Creative Thinking and Design Visualization
GIT 215: Introduction to Web Authoring
GIT 230: Digital Illustration in Publishing
GIT 337: Web Content Design
GIT 340: Information Design and Usability
GIT 402: New Media Internet Technologies
GIT 414: Web Site Design and Internet/Web Technologies

HSE Elective
HSE 422: Human Factors in Sport
HSE 423: Human Factors in Transportation
HSE 424: Human Automation Interaction
HSE 425: Human Factors in Medical Systems
HSE 426: Training and Expertise
HSE 427: Designing for Learning
HSE 428: Judgment and Decision Making
HSE 429: Product Design and Evaluation
HSE 484: Internship

GIT 417: Advanced Web Markup and Scripting

GIT 418: Multimedia Authoring, Scripting and Production

GIT 494: UI/UX Consulting

HSE 427: Designing for Learning

HSE 429: Product Design and Evaluation

TWC 411: Principles of Visual Communication (L)

TWC 414: Visualizing Data and Information

TWC 421: Principles of Web Authoring (L)

TWC 444: User Experience

HSE 494: Special Topics

HSE 499: Individualized Instruction

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Industrial Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESIEEBSE

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-IEE: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• Students with credit for CHM 113 must take CHM 116. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Prep for success using the Sophomore Guide.
IEE 210: Introduction to Industrial Engineering	3	C	

ECN 211: Macroeconomic Principles (SB)	3	C
MAT 267: Calculus for Engineers III (MA)	3	C
MSE 250: Structure and Properties of Materials	3	
Complete MAT 266 OR MAT 271 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
IEE 305: Information Systems Engineering (CS)	3	C	
Engineering Science Elective	3-4		
Term hours subtotal:	16-17		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 385: Engineering Statistics: Probability	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
IEE 300: Economic Analysis for Engineers	3	C	
MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3		
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4		
Term hours subtotal:	16		

Term 6 78 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 321: Professional Engineering Practice	1	C	• Recommended Upper Division (SB) Course: FSE 394 "Engineering for Humanity"
IEE 376: Operations Research Deterministic Techniques/Applications	4	C	
IEE 369: Work Analysis and Design (L)	3	C	
IEE 4** Elective	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		• Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 92 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IEE 485: Systems Design Capstone I (L)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
IEE 470: Stochastic Operations Research	3	C	
IEE 474: Quality Control	3	C	
IEE 475: Simulating Stochastic Systems (CS)	4	C	
IEE 4** Elective	3	C	

Term hours subtotal:	16	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 486: Systems Design Capstone II (L)	3	C	
IEE 461: Production Control	3	C	
Upper Division IEE Major Elective	3	C	
IEE 4** Elective	3	C	
Term hours subtotal:	12		

- Some IEE Major Electives may require additional prerequisites.
- For more information on Industrial Engineering requirements please visit the SCAI website.

Hide Course List(s)/Track Group(s)

Engineering Science Elective
CEE 384: Numerical Methods for Engineers (CS)
CSE 120: Digital Design Fundamentals
CSE 240: Introduction to Programming Languages
EEE 202: Circuits I
MAE 213: Mechanics of Materials
MAE 241: Introduction to Thermodynamics

IEE Major Electives
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
CSE 310: Data Structures and Algorithms
CSE 330: Operating Systems
CSE 360: Introduction to Software Engineering
CSE 494: Data Mining
EEE 352: Properties of Electronic Materials
EEE 435: Fundamentals of CMOS and MEMS
EEE 436: Fundamentals of Solid-State Devices
FSE 301: Entrepreneurship and Value Creation
FSE 404: EPICS Gold: EPICS in Action
IEE 3** Elective
IEE 4** Elective
MAE 384: Advanced Mathematical Methods for Engineers (CS) or CEE 384: Numerical Methods for Engineers (CS)
MAT 300: Mathematical Structures (L)
STP 425: Stochastic Processes
STP 429: Applied Regression (CS)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Informatics, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCPIBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CPI 101: Introduction to Informatics (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar (ASU 101-CSE) required of all first-year students. • If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
CSE 110: Principles of Programming (CS)	3	C	
ASU 101-CSE: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 242: Elementary Linear Algebra	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Lower Division Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 210 OR MAT 251 OR MAT 265 OR MAT 270 course(s).			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CPI 220: Applied Data Structures and Algorithms OR CSE 310: Data Structures and Algorithms	3	C	• Prep for success using the Sophomore Guide.
MAT 243: Discrete Mathematical Structures	3	C	
IEE 305: Information Systems Engineering (CS)	3	C	
Natural Science - Quantitative (SQ)	4		

Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CPI 200: Mathematical Foundations of Informatics (MA)	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
CPI 221: Advanced Object-Oriented Principles Using Java	3	C	
Informatics Focus Area	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CPI 360: Decision Making and Problem Solving	3	C	• Students who plan to pursue the Enterprise Informatics Focus Area will need to take IEE 380 for the CS requirement. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
CPI 310: Web-Based Information Management Systems	3	C	
CSE 301: Computing Ethics	1	C	
GIS 270: Statistics for Geography and Planning OR IEE 380: Probability and Statistics for Engineering Problem Solving (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Complete 2 courses: Informatics Focus Area	6	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CPI 350: Evaluation of Informatics Systems	3	C	• Research and prepare for graduate school. • Develop a professional profile online.
CSE 463: Introduction to Human Computer Interaction	3	C	
Complete 2 courses: Informatics Focus Area	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 485: Computer Science Capstone Project I (L)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
Complete 4 courses: Upper Division Informatics Elective	12	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CSE 486: Computer Science Capstone Project II (L)	3	C	

Complete 3 courses: Upper Division Informatics Elective	9	C
Term hours subtotal:	12	

- Upper-Division Coursework: A minimum of 21 hours of upper-division coursework is required across the Informatics Focus Area and Informatics Elective requirements.
- Informatics Focus Area: All Focus Area coursework must be completed from the same Focus Area.
- Informatics Electives: It is recommended that you work with your academic advisor when making course selections.
- For additional information on major curriculum, including Informatics Focus Area courses, please visit theInformatics Degree Requirements website.

Hide Course List(s)/Track Group(s)

Informatics Focus Area (Data Science)
CSE 450: Design and Analysis of Algorithms
CSE 467: Data and Information Security
CSE 471: Introduction to Artificial Intelligence
CSE 475: Foundations of Machine Learning
CSE 476: Introduction to Natural Language Processing
DAT 250: Data Science and Society
DAT 300: Mathematical Tools for Data Science
DAT 301: Exploring Data in R and Python
DAT 401: Statistical Modeling and Inference for Data Science
DAT 402: Machine Learning for Data Science

Informatics Focus Area (Digital Culture Studies)
Recommended first course is AME 111.
AME 111: Introduction to Digital Culture (CS)
AME 112: Computational Thinking for Digital Culture
AME 130: Prototyping Dreams (L)
AME 220: Programming for the Web
AME 230: Programming for the Media Arts (CS)
AME 240: Introduction to Physical Computing
AME 3** Elective
AME 4** Elective
ART 116: Introduction to Digital Media
ART 206: Digital Photography I
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 308: 2D Digital Animation
ART 345: Visualization and Prototyping
ART 346: 3-D Computer Imaging and Animation (CS)
ART 348: Animation Motion Studies
ART 394: Digital Photography for Non-Majors
ART 424: Stop Motion Animation
ART 440: Experimental Video Art
ART 494: Visual Prototyping
CIS 300: Web Design and Development

Informatics Focus Area (Enterprise Informatics)
Required courses:
IEE 376: Operations Research Deterministic Techniques/Applications
IEE 385: Engineering Statistics: Probability
IEE 470: Stochastic Operations Research
MAT 266: Calculus for Engineers II (MA)
Select One:
IEE 421: Urban Operations Research
IEE 426: Operations Research in Healthcare
IEE 461: Production Control
IEE 474: Quality Control
IEE 475: Simulating Stochastic Systems (CS)
IEE 477: System Dynamics and Thinking
SCM 300: Global Supply Operations

CPI 111: Game Development I (CS)

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture

EDT 440: Creating and Marketing Mobile Apps

FMP 225: Introduction to Visual Effects

FMP 240: Introduction to Animation for Film

FMP 255: Media Authorship (CS)

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: InDesign

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

Informatics Focus Area (Game Informatics)

Fall Only Courses: CPI 311, CPI 421

Spring Only Courses: CPI 321, CPI 411

Required:

CPI 111: Game Development I (CS)

CPI 211: Game Development II

CPI 311: Game Engine Development

CPI 321: Fundamentals of Game Art

Select one:

CPI 394: Game Design Fundamentals

CPI 411: Graphics for Games

CPI 421: 3-D Modeling and Texturing

CPI 462: Design for Learning in Virtual Worlds

FMS 394: Video Games and Narrative

SER 431: Advanced Graphics

Informatics Focus Area (Geo-Informatics)

Required:

GIS 205: Geographic Information Science I (CS)

GIS 211: Geographic Information Science II (CS)

GIS 311: Geographic Information Science III (CS)

Select two:

ABS 485: GIS in Natural Resources

GCU 441: Economic Geography (SB)

GCU 442: Geographical Analysis of Transportation (SB)

GIS 202: Drones to Satellites: Observing Earth from Above (CS)

GIS 222: Programming Principles in GIS I

GIS 3** Elective

GIS 4** Elective

Not from GIS 484, GIS 492, GIS 493, GIS 499, GIS 494 "GIS Methods for Non-Majors"

Additional Informatics Electives

Students may take additional coursework from their selected focus area or any course in another focus area as Informatics Electives in addition to the courses listed below:

AME 394: Philosophies of Technology

BIO 355: Introduction to Computational Molecular Biology (CS)

BIO 411: Quantitative Methods in Conservation and Ecology

BMI 102: Introduction to Population Health Informatics

BMI 201: Introduction to Clinical Informatics

CIS 308: Advanced Excel in Business

CIS 310: Business Data Visualization

CIS 365: Business Database Systems Development

CIS 405: Business Intelligence

CPI 394: Special Topics

CPI 441: Gaming Capstone

CPI 460: Intelligent Interactive Instructional Systems

CPI 484: Internship

CPI 494: Special Topics

CSE 220: Programming for Computer Engineering

CSE 240: Introduction to Programming Languages

CSE 259: Logic in Computer Science

CSE 294: Algorithmic Problem Solving

CSE 310: Data Structures and Algorithms

CSE 335: Principles of Mobile Application Development

CSE 360: Introduction to Software Engineering

CSE 365: Information Assurance

CSE 394: Special Topics

CSE 408: Multimedia Information Systems

CSE 412: Database Management

CSE 434: Computer Networks

CSE 445: Distributed Software Development

CSE 446: Software Integration and Engineering

CSE 460: Software Analysis and Design

CSE 464: Software Quality Assurance and Testing

CSE 470: Computer Graphics

CSE 471: Introduction to Artificial Intelligence

CSE 476: Introduction to Natural Language Processing

CSE 477: Introduction to Computer-Aided Geometric Design

CSE 494: Special Topics

FSE 301: Entrepreneurship and Value Creation

FSE 404: EPICS Gold: EPICS in Action

GIT 335: Computer Systems Technology

GIT 340: Information Design and Usability

GRA 294: Photoshop

HSE 101: Introduction to Human Systems Engineering (SB)

IEE 380: Probability and Statistics for Engineering Problem Solving (CS)

IEE 385: Engineering Statistics: Probability

MAE 318: System Dynamics and Control I

MAE 417: System Dynamics and Control II

MAT 267: Calculus for Engineers III (MA)

MAT 275: Modern Differential Equations (MA)

MAT 300: Mathematical Structures (L)

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra

MAT 421: Applied Computational Methods (CS)

SER 216: Software Enterprise: Personal Process and Quality

SER 316: Software Enterprise: Construction and Transition

SER 334: Operating Systems and System Programming

SOC 334: Technology and Society (L or SB)

STS 304: Science, Technology and Society (SB)

TEL 313: Technology in an Educational Setting

TEL 494: Introduction to Computer Science for Educators

TWC 414: Visualizing Data and Information

TWC 444: User Experience

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSIFTBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
IFT 101: Information Technology Programming Logic	3	C	
IFT 103: Operating System Architecture	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Term hours subtotal:	13		

Term 2 13 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 166: Introduction to Internet Networking	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
IFT 200: Information Modeling, Storage and Retrieval	3	C	
IFT 210: Introduction to Java Technologies	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 28 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 202: Foundations of Information and Computer System Security	3	C	• Prep for success using the Sophomore Guide.
IFT 250: Introduction to UNIX Utilities	3	C	
MAT 210: Brief Calculus (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

IFT 266: Network Information Communication Technology	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
HSE 230: Statistics for Human Systems Research I (CS)	3	C	
IFT 220: Managing Configurations and Active Directory	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 381: Information System Security	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
IFT 301: Web Programming for Human Computer Interface	3	C	
IFT 320: Managing the Cloud	3	C	
MAT 243: Discrete Mathematical Structures	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 300: Intermediate Database Management Systems	3	C	• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme. • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
IFT 310: Information Systems Project Development	3	C	
Complete 2 courses: Upper Division Primary Focus Area	6	C	
Secondary Focus Area	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 401: Information Technology Capstone Project I	3	C	• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
IFT 372: Wireless Fundamentals	3	C	
IFT 383: Shell and Script Programming with UNIX	3	C	
Primary Focus Area	3	C	
Secondary Focus Area	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 402: Information Technology Capstone Project II	3		• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.
HST 318: History of Engineering ((L or SB) & G)	3		
Upper Division Primary Focus Area	3	C	
Upper Division Secondary Focus Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

- Students choose one primary focus area (12 credit hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.

Hide Course List(s)/Track Group(s)

Networking Focus Area	Information Systems Focus Area	Security Focus Area
IFT 366: TCP/IP and Routing	IFT 360: Applications in Artificial Intelligence	IFT 380: Advanced Systems Configuration Management
IFT 420: Cloud Architecture for Information Technology	IFT 365: Applied Programming Language for Information Technology	IFT 422: Cloud Security and Operations for Information Technology
IFT 460: Managing Intelligent Devices in an Enterprise Environment	IFT 370: Mobile Computing and Applications for Information Technology	IFT 475: Security Analysis
IFT 466: Advanced Computer Networks for Information Technology	IFT 380: Advanced Systems Configuration Management	IFT 482: Network Forensics
IFT 488: Systems Administration of UNIX	IFT 410: Big Data Tools and Practices	IFT 483: Developing Security Policy
IFT 494: Wireless Architecture	IFT 421: Data in the Cloud for Information Technology	IFT 494: Cybersecurity Compliance
	IFT 458: Middleware Programming and Database Security	
	IFT 460: Managing Intelligent Devices in an Enterprise Environment	
	IFT 494: Appl Multi Tier End to End Application Development	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
TSIFTBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
IFT 101: Information Technology Programming Logic	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
IFT 103: Operating System Architecture	3	C	• View ASU Online first-year student registration information here.
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 166: Introduction to Internet Networking	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
IFT 200: Information Modeling, Storage and Retrieval	3	C	
Term hours subtotal:	9		

Term 2 - B 22 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 210: Introduction to Java Technologies	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 28 - 37 Credit Hours	Hours	Minimum Grade	Notes
IFT 250: Introduction to UNIX Utilities	3	C	• Prep for success using the Sophomore Guide.
MAT 210: Brief Calculus (MA)	3	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 202: Foundations of Information and Computer System Security	3	C	
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 266: Network Information Communication Technology	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
HSE 230: Statistics for Human Systems Research I (CS)	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
IFT 220: Managing Configurations and Active Directory	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 381: Information System Security	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
IFT 301: Web Programming for Human Computer Interface	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
IFT 320: Managing the Cloud	3	C	
MAT 243: Discrete Mathematical Structures	3		
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 300: Intermediate Database Management Systems	3	C	• Research and prepare for graduate school . • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
Upper Division Primary Focus Area	3	C	
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IFT 310: Information Systems Project Development	3	C	• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.
Secondary Focus Area	3		
Upper Division Primary Focus Area	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	9

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IFT 401: Information Technology Capstone Project I	3	C	• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
IFT 372: Wireless Fundamentals	3	C	
Secondary Focus Area	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
IFT 383: Shell and Script Programming with UNIX	3	C	
Primary Focus Area	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IFT 402: Information Technology Capstone Project II	3		
HST 318: History of Engineering ((L or SB) & G)	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Primary Focus Area	3	C	• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.
Upper Division Secondary Focus Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

-
  - Students choose one primary focus area (12 hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.

Hide Course List(s)/Track Group(s)

Networking Focus Area	Information Systems Focus Area	Security Focus Area
IFT 366: TCP/IP and Routing	IFT 360: Applications in Artificial Intelligence	IFT 380: Advanced Systems Configuration Management
IFT 420: Cloud Architecture for Information Technology	IFT 365: Applied Programming Language for Information Technology	IFT 422: Cloud Security and Operations for Information Technology
IFT 460: Managing Intelligent Devices in an Enterprise Environment	IFT 370: Mobile Computing and Applications for Information Technology	IFT 475: Security Analysis
IFT 466: Advanced Computer Networks for Information Technology	IFT 380: Advanced Systems Configuration Management	IFT 482: Network Forensics
IFT 488: Systems Administration of UNIX	IFT 410: Big Data Tools and Practices	IFT 483: Developing Security Policy
IFT 494: Wireless Architecture		IFT 494: Cybersecurity Compliance

IFT 421: Data in the Cloud for Information Technology

IFT 458: Middleware Programming and Database Security

IFT 460: Managing Intelligent Devices in an Enterprise Environment

IFT 494: Appl Multi Tier End to End Application Development

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Manufacturing Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSMEGRBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 102: Foundations of Engineering Design Project II	3		• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 265 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 201: Use-Inspired Design Project I	3	C	• Prep for success using the Sophomore Guide.
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

Complete MAT 266 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EGR 202: Use-Inspired Design Project II	3	C	• Pursue an undergraduate research experience. • Attend career fairs and events.
EGR 280: Engineering Statistics (CS)	3	C	
EGR 217: Engineering Mechanics Fundamentals	3	C	
EGR 219: Computational Modeling of Engineering Systems	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s).			
Complete MAT 267 course(s).			
Term hours subtotal:	15		

Term 5 63 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MFG 308: Manufacturing System Project I	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
MFG 382: Modeling of Manufacturing Systems I	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
MFG 381: Manufacturing Processes and Validation Lab	3	C	
MFG 383: Communications in a Production Environment	3		
Term hours subtotal:	16		

Term 6 79 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MFG 318: Manufacturing Systems Project II	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. • Begin looking for internships.
MAT 343: Applied Linear Algebra	3		
MFG 385: Design for Manufacturing	3		
MFG 387: Industrial Automation	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	12		

Term 7 91 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 401: Professional Design Project I (L)	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
MFG 482: Materials Science in Manufacturing	3		
HST 318: History of Engineering ((L or SB) & G)	3		
Upper Division Technical Elective	2		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EGR 402: Professional Design Project II	3		
MFG 461: Engineering Economics	3		
MFG 480: Advanced Statistical Approaches for Manufacturing	3		

Upper Division Technical Elective	3	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

Technical Electives
EGR 370: Welding Survey
EGR 380: Advanced Computer Aided Design and Drafting (CADD) and Solid Modeling
MFG 472: Additive Manufacturing
MFG 485: Engineering Internship
MFG 486: CNC Computer Programming
MFG 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Materials Science and Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMSEBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed in the first semester. Non-first year students: see advisor for petitioning replacement electives. • If students take ENG 105, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-MSE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MSE 250: Structure and Properties of Materials	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete CHM 114 OR CHM 116 course(s).			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAT 267: Calculus for Engineers III (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
MSE 215: Materials Synthesis	3	
Math or Science Elective	3-4	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Complete MSE 250 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16-17	

- For additional information about Math or Science Electives, please go to: Math or Science Electives.
- Prep for success using the Sophomore Guide .

Term 4 48 - 64 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
MAT 275: Modern Differential Equations (MA)	3	C	
MAT 343: Applied Linear Algebra	3	C	
MSE 211: Introduction to Mechanics of Materials	3	C	
MSE 212: Microstructure and Properties Lab	1	C	
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
Advanced Science Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- For additional information about Advanced Science Electives options, please go to: Advanced Science Electives.
- Pursue an undergraduate research experience .
- Apply for internships.
- Attend career fairs and events.

Term 5 64 - 80 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MSE 330: Thermodynamics of Materials	3		
MSE 355: Structure and Defects	3	C	
MSE 356: Thin Film and Microelectronic Devices Lab	1		
MSE 415: Mathematical and Computer Methods in Materials (CS)	3		
MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

Term 6 80 - 93 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MSE 335: Materials Kinetics	3		
MSE 450: Introduction to Materials Characterization	3		
MSE 451: Nanomaterials and Electronics Characterization Lab	1		
MSE 420: Advanced Metallurgical Alloys and Processes	3		
MSE 458: Electronic, Magnetic, and Optical Properties	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	13		

- For additional information about Materials Elective options, please go to: Materials Elective.
- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

		Minimum	

Term 7 93 - 106 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ MSE 482: Materials Engineering Design (L)	3		• For additional information about Materials Elective options, please go to: Materials Elective. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
★ MSE 489: Capstone Design Project I (L)	1		
MSE 440: Mechanical Behavior of Materials	3		
Complete 2 courses: Upper Division Materials Elective	6		
Term hours subtotal:	13		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSE 490: Capstone Design Project II (L)	2		• For additional information about Advanced Science Electives and Technical Electives, please go to: Advanced Science Electives and Technical Electives.
Advanced Science Elective	3		
Complete 2 courses: Technical Elective	6		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

- For more information about course options for Math or Science Electives, Materials Electives, Advanced Science Electives, or Technical Electives, please go to: MSE Elective Course Options.

Hide Course List(s)/Track Group(s)

Math or Science Elective
Advanced Science Elective
AST 111: Introduction to Solar Systems Astronomy (SQ)
AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ)
BIO 130: Introduction to Environmental Science (SQ)
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
CHM 113: General Chemistry I (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
MAT 243: Discrete Mathematical Structures

Advanced Science Elective
ABS 225: Soils (SQ)
ABS 350: Applied Statistics (CS)
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
AST 421: Astrophysics I
BCH 341: Physical Chemistry with a Biological Focus
BCH 361: Advanced Principles of Biochemistry
BIO 201: Human Anatomy and Physiology I (SG)
BIO 320: Fundamentals of Ecology
CHM 231: Elementary Organic Chemistry (SQ)
CHM 233: General Organic Chemistry I
CHM 234: General Organic Chemistry II

Upper Division Materials Elective
Please choose two courses from the following options:
BME 318: Biomaterials
CHE 468: Polymer Principles and Processing
MSE 470: Polymers and Composites
MSE 471: Introduction to Ceramics
MSE 494: Polymer Synthesis, Characterization, & Processing

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

CHM 341: Elementary Physical Chemistry

CHM 345: Physical Chemistry I

CHM 346: Physical Chemistry II

CHM 433: Advanced Organic Chemistry I

ENV 410: Soil Science

GLG 404: Fundamentals of Planetary Geology

GLG 418: Geophysics

PHY 201: Mathematical Methods in Physics I (CS)

PHY 334: Advanced Laboratory I (L)

PHY 361: Introductory Modern Physics

Technical Electives

Advanced Science Elective

CEE 294: AutoCAD Civil 3-D

CEE 353: Civil Engineering Materials

CHE 211: Introduction to Chemical Processing

CHE 494: Fundamentals of Scaleup

CHE 494: Quantum Mechanical Simulations of Chemical Process

CIS 310: Business Data Visualization

EEE 202: Circuits I

EEE 241: Fundamentals of Electromagnetics

EEE 352: Properties of Electronic Materials

EEE 435: Fundamentals of CMOS and MEMS

EEE 436: Fundamentals of Solid-State Devices

EEE 460: Nuclear Power Engineering

EEE 465: Photovoltaic Energy Conversion

EGR 219: Computational Modeling of Engineering Systems

FSE 301: Entrepreneurship and Value Creation

FSE 404: EPICS Gold: EPICS in Action

IEE 300: Economic Analysis for Engineers

IEE 369: Work Analysis and Design (L)

IEE 385: Engineering Statistics: Probability

IEE 437: Human Factors Engineering

IEE 474: Quality Control

MAT 300: Mathematical Structures (L)

MEE 322: Structural Mechanics

MEE 342: Principles of Mechanical Design

PUP 442: Environmental Planning

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

By approval only:

MSE 484: Internship

MSE 492: Honors Directed Study

MSE 493: Honors Thesis (L)

MSE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mechanical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMAEMBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-MEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C
MAT 267: Calculus for Engineers III (MA)	3	C
MAT 275: Modern Differential Equations (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Complete CHM 114 OR CHM 116 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the Sophomore Guide.

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAE 213: Mechanics of Materials	3	C	
MAE 241: Introduction to Thermodynamics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAE 242: Introduction to Fluid Mechanics	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
MEE 322: Structural Mechanics	3	C	
MEE 324: Structural Mechanics Laboratory	1	C	
MSE 250: Structure and Properties of Materials	3	C	
MAE 301: Applied Experimental Statistics	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAE 318: System Dynamics and Control I	4	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
MEE 323: Computer-Aided Engineering II	2	C	
MEE 340: Heat Transfer	3	C	
MEE 342: Principles of Mechanical Design	3	C	
MAE 400: Engineering Profession (L)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MEE 488: Mechanical Engineering Design I	3	C	• For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives.
MAE 417: System Dynamics and Control II	3	C	

MEE 491: Experimental Mechanical Engineering (L)	3	C
Upper Division Technical Elective	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 489: Mechanical Engineering Design II	3	C	• For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives.
Complete 2 courses: Upper Division Technical Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- For additional information about Upper Division Technical Electives please go to: Upper Division Technical Electives.

Hide Course List(s)/Track Group(s)

Upper Division Technical Electives
AEE OR MAE OR MEE Upper Division Elective
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
BME 300: Bioengineering Product Design
BME 316: Biomechanics for Biomedical Engineers
BME 318: Biomaterials
BME 350: Signals and Systems for Bioengineers
BME 494: Bioenergy and Microbial Biotechnology
BME 494: Neural Bases of Motor Control
CEE 361: Introduction to Environmental Engineering
CEE 372: Transportation Engineering
CEE 440: Hydrology
CEE 494: Energy Efficient Buildings and Systems
CEE 494: Sustainable Energy and Material Use
CEE 494: Sustainable Energy Technologies

Upper Division Technical Electives continued
MAT 300: Mathematical Structures (L)
MAT 310: Introduction to Geometry
MAT 371: Advanced Calculus I
MAT 420: Scientific Computing
MAT 421: Applied Computational Methods (CS)
MAT 423: Numerical Analysis I (CS)
MAT 425: Numerical Analysis II (CS)
MAT 451: Mathematical Modeling (CS)
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MSE 330: Thermodynamics of Materials
MSE 355: Structure and Defects
MSE 440: Mechanical Behavior of Materials
MSE 450: Introduction to Materials Characterization
MSE 460: Nanomaterials in Energy Production and Storage
MSE 466: Electrochemical Energy Storage and Conversion
MSE 476: Growth and Processing of Semiconductors

CHE 468: Polymer Principles and Processing

CHE 473: Fuel Cells and Biofuel Cells

CHE 478: Biomass Energy Conversion Technology

CHE 494: Nanobiotechnology

CHE 494: Quantum Mechanical Simulations of Chemical Process

CHE 494: Six Sigma Methodology/Engineering Experimentation

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EEE 350: Random Signal Analysis

EEE 360: Energy Systems and Power Electronics

EEE 407: Digital Signal Processing

EEE 434: Quantum Mechanics for Engineers

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

EEE 498: Foundations Machine Learning: From Theory to Pract

EEE 498: Science and Technology of Solar Cell Fabrication

EGR 433: Transforms and Systems Modeling

EGR 455: Robotic Systems I

EGR 456: Robotic Systems II

EGR 494: Engineering in Semiconductors and Microelectronics

EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes

GLG 418: Geophysics

IEE 305: Information Systems Engineering (CS)

IEE 376: Operations Research Deterministic Techniques/Applications

MSE 494: Bioinspired Materials and Biomaterials

MSE 494: Failure Analysis of Metallic Materials

MSE 494: Intro to FEA for Matl Design and Characterization

MSE 494: Manufacturing Processes for Structural Materials

PHY 310: Classical Particles, Fields, and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 494: Modeling and Analysis of Space Thermal Systems

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.

Students may only apply ONE (1) course from the list below:

CEE 400: Earth Systems Engineering and Management ((L or HU) & H)

EGR 317: Humanitarian Engineering Project II

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

FSE 404: EPICS Gold: EPICS in Action

IEE 300: Economic Analysis for Engineers

IEE 431: Engineering Administration (L)

IEE 437: Human Factors Engineering

MAE 394: Aeronautics in England

SES 407: Space Works II

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mechanical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
ESMAEMBSE

Term 1 - A 0 - 6 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-MEE: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• View ASU Online first-year student registration information here.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 12 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAT 242: Elementary Linear Algebra	2	C
PHY 121: University Physics I: Mechanics (SQ)	3	C
PHY 122: University Physics Laboratory I (SQ)	1	C
MAE 215: Introduction to Programming in MATLAB	1	C
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	7	

- Create a Handshake profile.
- Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.

Term 3 - A 26 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	10		

- MAE courses listed here are only offered in Session C (15 weeks long).
- Prep for success using the Sophomore Guide.

Term 3 - B 36 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 275: Modern Differential Equations (MA)	3	C	
MAE 214: Computer-Aided Engineering I	1	C	
Complete CHM 114 OR CHM 116 course(s).			
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	4		

Term 4 - A 40 - 52 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	
MAE 213: Mechanics of Materials	3	C	
MAE 241: Introduction to Thermodynamics	3	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	12		

- MAE courses listed here are only offered in Session C (15 weeks long).
- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

Term 4 - B 52 - 56 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 202: Circuits I	4	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	4		

Term 5 - A 56 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAE 242: Introduction to Fluid Mechanics	3	C	
MEE 322: Structural Mechanics	3	C	
MEE 324: Structural Mechanics Laboratory	1	C	

- MAE, MEE and MSE courses listed here are only offered in Session C (15 weeks long).
- Plan for success using the Junior Guide.

★ MSE 250: Structure and Properties of Materials	3	C	• Network at student organization competitions or professional societies.
MAE 301: Applied Experimental Statistics	3	C	
Term hours subtotal:	13		

Term 5 - B 69 - 72 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	3		

Term 6 - A 72 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAE 318: System Dynamics and Control I	4	C	• MAE and MEE courses listed here are only offered in Session C (15 weeks long).
★ MEE 323: Computer-Aided Engineering II	2	C	
★ MEE 340: Heat Transfer	3	C	
★ MEE 342: Principles of Mechanical Design	3	C	
MAE 400: Engineering Profession (L)	3	C	
Term hours subtotal:	15		

Term 6 - B 87 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	0		

Term 7 - A 87 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 488: Mechanical Engineering Design I	3	C	• MAE and MEE courses listed here are only offered in Session C (15 weeks long).
MAE 417: System Dynamics and Control II	3	C	
MEE 491: Experimental Mechanical Engineering (L)	3	C	
Term hours subtotal:	9		

Term 7 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Technical Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 8 - A 102 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 489: Mechanical Engineering Design II	3	C	• MEE 489 is only offered in Session C (15 weeks long).
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	9		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Technical Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

- For additional information about Upper Division Technical Electives please go to: Upper Division Technical Electives.

Hide Course List(s)/Track Group(s)

Upper Division Technical Electives
AEE OR MAE OR MEE Upper Division Elective
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
CHM 325: Analytical Chemistry
EEE 304: Signals and Systems II
EEE 333: Hardware Design Languages and Programmable Logic
EEE 334: Circuits II
EEE 350: Random Signal Analysis
EEE 360: Energy Systems and Power Electronics
EEE 407: Digital Signal Processing
EEE 434: Quantum Mechanics for Engineers
EEE 460: Nuclear Power Engineering
EEE 463: Electrical Power Plants
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 498: Science and Technology of Solar Cell Fabrication
EGR 494: Engineering in Semiconductors and Microelectronics
IEE 305: Information Systems Engineering (CS)
IEE 376: Operations Research Deterministic Techniques/Applications

Upper Division Technical Electives continued
MAT 421: Applied Computational Methods (CS)
PHY 310: Classical Particles, Fields, and Matter I
PHY 361: Introductory Modern Physics
SES 350: Engineering Systems and Experimental Problem Solving
SES 407: Space Works II
By approval only:
MAE 492: Honors Directed Study
MAE 493: Honors Thesis (L)
MAE 499: Individualized Instruction
*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first.
Students may only apply ONE (1) course from the list below:
FSE 301: Entrepreneurship and Value Creation
IEE 300: Economic Analysis for Engineers
IEE 431: Engineering Administration (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mechanical Engineering (Computational Mechanics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMAECBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-MEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C
MAT 267: Calculus for Engineers III (MA)	3	C
MAT 275: Modern Differential Equations (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Complete CHM 114 OR CHM 116 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the Sophomore Guide.

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAE 213: Mechanics of Materials	3	C	
MAE 241: Introduction to Thermodynamics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAE 242: Introduction to Fluid Mechanics	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
MEE 322: Structural Mechanics	3	C	
MEE 324: Structural Mechanics Laboratory	1	C	
MSE 250: Structure and Properties of Materials	3	C	
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
MAE 301: Applied Experimental Statistics	3	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAE 318: System Dynamics and Control I	4	C	• Research and prepare for graduate school • Apply for an engineering 4+1 program. • Develop a professional profile online.
MEE 342: Principles of Mechanical Design	3	C	
MEE 323: Computer-Aided Engineering II	2	C	
MEE 340: Heat Transfer	3	C	
PHI 103: Principles of Sound Reasoning (L or HU)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MEE 488: Mechanical Engineering Design I	3	C	• For additional information regarding Upper Division Computational Mechanics Technical
MAE 400: Engineering Profession (L)	3	C	

Complete 2 courses: Upper Division Computational Mechanics Technical Elective	6	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Electives, please go to: Upper Division Computational Mechanics Technical Electives.

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MEE 489: Mechanical Engineering Design II	3	C	
AEE 471: Computational Fluid Dynamics OR MAE 404: Finite Elements in Engineering OR MAE 460: Applied Computational Fluid Dynamics	3	C	
MEE 491: Experimental Mechanical Engineering (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- For additional information about Upper Division Computational Mechanics Technical Electives, please go to: Upper Division Computational Mechanics Technical Electives.

Hide Course List(s)/Track Group(s)

Upper Division Computational Mechanics Technical Electives

- AEE 360: Aerodynamics (L)
- AEE 471: Computational Fluid Dynamics
- IEE 305: Information Systems Engineering (CS)
- IEE 376: Operations Research Deterministic Techniques/Applications
- MAE 404: Finite Elements in Engineering
- MAE 460: Applied Computational Fluid Dynamics
- MAE 501: Linear Algebra in Engineering
- MAE 502: Partial Differential Equations in Engineering
- MAT 420: Scientific Computing
- MAT 421: Applied Computational Methods (CS)
- MAT 423: Numerical Analysis I (CS)
- MAT 425: Numerical Analysis II (CS)
- MAT 451: Mathematical Modeling (CS)
- MAT 461: Applied Complex Analysis

MSE 494: Intro to FEA for Matl Design and Characterization

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mechanical Engineering (Energy and Environment), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMAEEBSE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ASU 101-MEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 242: Elementary Linear Algebra	2	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	• Prep for success using the Sophomore Guide.
MAT 267: Calculus for Engineers III (MA)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
MAE 214: Computer-Aided Engineering I	1	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
Complete CHM 114 OR CHM 116 course(s).			
Complete First-Year Composition requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 46 - 62 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
MAE 213: Mechanics of Materials	3	C	
MAE 241: Introduction to Thermodynamics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MEE 322: Structural Mechanics	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
MEE 324: Structural Mechanics Laboratory	1	C	
CHM 231: Elementary Organic Chemistry (SQ) OR CHM 233: General Organic Chemistry I	3	C	
MAE 301: Applied Experimental Statistics	3	C	
MAE 242: Introduction to Fluid Mechanics	3	C	
MSE 250: Structure and Properties of Materials	3	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MAE 318: System Dynamics and Control I	4	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
MEE 340: Heat Transfer	3	C	
MAE 400: Engineering Profession (L)	3	C	
MEE 323: Computer-Aided Engineering II	2	C	
MEE 342: Principles of Mechanical Design	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 106 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
MEE 445: Energy Systems Design I	1	C	
MEE 482: Intermediate Thermodynamics	3	C	

MAE 417: System Dynamics and Control II OR MEE 491: Experimental Mechanical Engineering (L)	3	C
PUP 190: Sustainable Cities ((HU or SB) & G) OR GPH 314: Global Change (HU & G)	3	
Upper Division Energy and Environment Technical Elective	3	C
Term hours subtotal:	13	

- For additional information about Upper Division Energy and Environment Technical Electives, please see: Upper Division Energy and Environment Technical Electives.
- Plan for success using the Senior Guide.
- Apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ MEE 446: Energy Systems Design II	2	C	• For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives.
MAE 417: System Dynamics and Control II OR MEE 491: Experimental Mechanical Engineering (L)	3	C	
SOS 171: The Thread of Energy (SB & G) OR GCU 364: Energy in the Global Arena (SB & G)	3		
Upper Division Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

- For additional information about Upper Division Energy and Environment Technical Electives, & Upper Division Technical Electives, please go to: Upper Division Energy and Environment Technical Electives & Upper Division Technical Electives

Hide Course List(s)/Track Group(s)

Upper Division Energy and Environment Technical Electives
ATE 521: Building Environmental Science
ATE 556: Architectural Technology V
ATE 560: Building Energy Analysis
ATE 582: Environmental Control Systems
BIO 320: Fundamentals of Ecology
CEE 361: Introduction to Environmental Engineering
CEE 440: Hydrology
CEE 494: Energy Efficient Buildings and Systems
CEE 494: Sustainable Energy and Material Use
CEE 494: Sustainable Energy Technologies
CHE 473: Fuel Cells and Biofuel Cells
CHE 478: Biomass Energy Conversion Technology

Upper Division Technical Electives
AEE OR MAE OR MEE Upper Division Elective
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
ATE 521: Building Environmental Science
ATE 556: Architectural Technology V
ATE 560: Building Energy Analysis
ATE 582: Environmental Control Systems
BIO 320: Fundamentals of Ecology
BME 300: Bioengineering Product Design
BME 316: Biomechanics for Biomedical Engineers
BME 318: Biomaterials
BME 350: Signals and Systems for Bioengineers

Upper Division Technical Electives continued
MAT 300: Mathematical Structures (L)
MAT 310: Introduction to Geometry
MAT 371: Advanced Calculus I
MAT 420: Scientific Computing
MAT 421: Applied Computational Methods (CS)
MAT 423: Numerical Analysis I (CS)
MAT 425: Numerical Analysis II (CS)
MAT 451: Mathematical Modeling (CS)
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MSE 330: Thermodynamics of Materials
MSE 355: Structure and Defects
MSE 440: Mechanical Behavior of Materials
MSE 450: Introduction to Materials Characterization

CHM 302: Environmental Chemistry

EEE 360: Energy Systems and Power Electronics

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes

MAE 494: Energy Efficiency

MAE 494: Solar Thermal Engineering

MEE 434: Internal Combustion Engines

MEE 440: Renewable Energy: Mechanical Systems

MEE 441: Wind Energy

MSE 460: Nanomaterials in Energy Production and Storage

MSE 466: Electrochemical Energy Storage and Conversion

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.

BME 494: Bioenergy and Microbial Biotechnology

BME 494: Neural Bases of Motor Control

CEE 361: Introduction to Environmental Engineering

CEE 372: Transportation Engineering

CEE 400: Earth Systems Engineering and Management ((L or HU) & H)

CEE 440: Hydrology

CEE 494: Energy Efficient Buildings and Systems

CEE 494: Sustainable Energy and Material Use

CEE 494: Sustainable Energy Technologies

CHE 468: Polymer Principles and Processing

CHE 473: Fuel Cells and Biofuel Cells

CHE 478: Biomass Energy Conversion Technology

CHE 494: Nanobiotechnology

CHE 494: Quantum Mechanical Simulations of Chemical Process

CHE 494: Six Sigma Methodology/Engineering Experimentation

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EEE 350: Random Signal Analysis

EEE 360: Energy Systems and Power Electronics

EEE 407: Digital Signal Processing

EEE 434: Quantum Mechanics for Engineers

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

EEE 498: Foundations Machine Learning: From Theory to Pract

MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids

MSE 460: Nanomaterials in Energy Production and Storage

MSE 466: Electrochemical Energy Storage and Conversion

MSE 476: Growth and Processing of Semiconductors

MSE 494: Bioinspired Materials and Biomaterials

MSE 494: Failure Analysis of Metallic Materials

MSE 494: Intro to FEA for Matl Design and Characterization

MSE 494: Manufacturing Processes for Structural Materials

PHY 310: Classical Particles, Fields, and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 307: SW3-Structural Modeling: Model, Test, Build

SES 407: Space Works II

SES 494: Modeling and Analysis of Space Thermal Systems

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.

EEE 498: Science and Technology of Solar Cell Fabrication

EGR 317: Humanitarian Engineering Project II

EGR 433: Transforms and Systems Modeling

EGR 455: Robotic Systems I

EGR 456: Robotic Systems II

EGR 494: Engineering in Semiconductors and Microelectronics

EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes

FSE 301: Entrepreneurship and Value Creation

FSE 404: EPICS Gold: EPICS in Action

FSE 394: Engineering in Global Context

GLG 418: Geophysics

IEE 300: Economic Analysis for Engineers

IEE 305: Information Systems Engineering (CS)

IEE 376: Operations Research Deterministic Techniques/Applications

IEE 431: Engineering Administration (L)

IEE 437: Human Factors Engineering

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Software Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSSERBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-CSE: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Social-Behavioral Sciences (SB)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
EGR 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 243: Discrete Mathematical Structures	3	C	• Prep for success using the Sophomore Guide.
SER 232: Computer Systems Fundamentals (CS)	3	C	
CSE 240: Introduction to Programming Languages	3	C	
MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA)	3	C	

Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 62 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
SER 222: Design and Analysis of Data Structures and Algorithms	3	C	• Pursue an undergraduate research experience • Apply for internships • Attend career fairs and events
CSE 230: Computer Organization and Assembly Language Programming	3	C	
EGR 280: Engineering Statistics (CS)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
SER 216: Software Enterprise: Personal Process and Quality	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SER 334: Operating Systems and System Programming	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
MAT 343: Applied Linear Algebra	3	C	
SER 315: Software Enterprise: Design and Process	3	C	
SER 322: Principles of Database Management	3	C	
Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SER 316: Software Enterprise: Construction and Transition	3	C	• Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online.
SER 321: Principles of Distributed Software Systems	3	C	
SER 335: Engineering Secure Software Systems	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SER 401: Computing Capstone Project I	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
SER 415: Software Enterprise: Inception and Elaboration (L)	3	C	
SER 4** Elective	3	C	
Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) (HST 318 recommended)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**

★	SER 402: Computing Capstone Project II	3	C
	SER 416: Software Enterprise: Project and Process Management	3	C
	Complete 2 courses: SER 4** Elective	6	C
		Term hours subtotal: 12	

Hide Course List(s)/Track Group(s)

Lab Science Sequence
BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG)
BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG)
CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)
GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)
GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)

Technical Elective
CPI Upper Division Elective
CSE Upper Division Elective
EEE Upper Division Elective
FSE 301: Entrepreneurship and Value Creation
FSE 404: EPICS Gold: EPICS in Action
IEE Upper Division Elective
IFT Upper Division Elective
MAE Upper Division Elective
SER Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Software Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
TSSERBS

Term 1 - A 0 - 6 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-FSE: The ASU Experience	1		• If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation. • ASU 101 is only required of new first-year students transferring in fewer than 24 hours to ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• View ASU Online first-year student registration information here. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 12 - 18 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Term hours subtotal:	6		

Term 2 - B 18 - 24 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SER 232: Computer Systems Fundamentals (CS)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 24 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 243: Discrete Mathematical Structures	3	C	
CSE 230: Computer Organization and Assembly Language Programming	3	C	

Term hours subtotal:	6

Term 3 - B 30 - 36 Credit Hours	Hours	Minimum Grade	Notes
CSE 240: Introduction to Programming Languages	3	C	• Prep for success using the Sophomore Guide.
MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 36 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SER 222: Design and Analysis of Data Structures and Algorithms	3	C	
EGR 104: Critical Inquiry in Engineering (L)	3	C	
Term hours subtotal:	6		

Term 4 - B 42 - 48 Credit Hours	Hours	Minimum Grade	Notes
EGR 280: Engineering Statistics (CS)	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
SER 216: Software Enterprise: Personal Process and Quality	3	C	
Term hours subtotal:	6		

Term 5 - A 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
MAT 343: Applied Linear Algebra	3	C	
SER 315: Software Enterprise: Design and Process	3	C	
Term hours subtotal:	6		

Term 5 - B 54 - 61 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SER 334: Operating Systems and System Programming	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Term hours subtotal:	7		

Term 6 - A 61 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SER 321: Principles of Distributed Software Systems	3	C	• During the junior year of the program, students should contact an academic advisor to identify course options.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 6 - B 67 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SER 316: Software Enterprise: Construction and Transition	3	C	• Research and prepare for graduate school. • Develop a professional profile online.
SER 335: Engineering Secure Software Systems	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 73 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SER 415: Software Enterprise: Inception and Elaboration (L)	3	C	

SER 322: Principles of Database Management	3	C
Term hours subtotal:	6	

Term 7 - B 79 - 86 Credit Hours	Hours	Minimum Grade	Notes
Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		• During the junior year of the program, students should contact an academic advisor to identify course options/selection. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
SER 4** Elective	3	C	
Term hours subtotal:	7		

Term 8 - A 86 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SER 416: Software Enterprise: Project and Process Management	3	C	
Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: SER 4** Elective	6	C	• During the junior year of the program, students should contact an academic advisor to identify course options/selection.
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SER 401: Computing Capstone Project I	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 9 - B 105 - 114 Credit Hours	Hours	Minimum Grade	Notes
Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) (HST 318 recommended)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SER 402: Computing Capstone Project II	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Lab Science Sequence	Technical Elective

BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG)	CPI Upper Division Elective
BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG)	CSE Upper Division Elective
CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ)	EEE Upper Division Elective
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	FSE 301: Entrepreneurship and Value Creation
GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)	FSE 404: EPICS Gold: EPICS in Action
GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ)	IEE Upper Division Elective
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	IFT Upper Division Elective
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	MAE Upper Division Elective
	SER Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technological Entrepreneurship and Management, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSTEMBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
FSE 181: Technological, Social, and Sustainable Systems (HU)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
TEM 100: Seminar in Entrepreneurship	1	C	
TMC 110: Understanding the Enterprise	3	C	
Elective	2		
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
IFT 101: Information Technology Programming Logic OR CSE 110: Principles of Programming (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR GIT 215: Introduction to Web Authoring	3		
MAT 210: Brief Calculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEM 230: Creativity and Business Innovation	3	C	• Prep for success using the Sophomore Guide.
HSE 230: Statistics for Human Systems Research I (CS)	3		
TEM 200: My Technology Venture	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		

Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Complete TEM 100 course(s).		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEM 250: Design Methodology	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
Major Elective	3	C	
Complete 2 courses: STEM Elective (Recommended: EGR/GIT/HSE/IFT)	6		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSE 301: Entrepreneurship and Value Creation	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
TEM 300: Career Management for Entrepreneurs and Innovators	1	C	
TMC 330: Leading the Enterprise	3	C	
Upper Division STEM Elective	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TMC 320: Funding the Enterprise	3	C	• Research and prepare for graduate school. • Develop a professional profile online.
TMC 310: Promotion of the Enterprise	3	C	
TEM 311: Opportunity Analysis	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEM 400: Technology Entrepreneurship	3	C	• If you are participating or planning on participating in the Thunderbird 4+1 degree, OMT 440 is required. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
TEM 455: Global Impact Entrepreneurship OR OMT 440: International Business (G)	3	C	
TMC 430: Enterprise Strategy and Innovation	3		
Upper Division STEM Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OMT 430: Ethical Issues in Technology OR OMT 402: Legal Issues for Technologists	3	C	

★	TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop OR TEM 481: Consulting Project	3	C
	TEM 431: Innovation Management	3	C
	Major Elective	3	C
	Term hours subtotal:	12	

- Select 12 credit hours of STEM electives from the provided list of subjects, including six upper-division credits. A list of recommended courses are provided on The Polytechnic School Advising Services website; reach out to your advisor for a full list of recommended courses.

Hide Course List(s)/Track Group(s)

STEM Elective	Major Elective
AME Elective	FSE Elective
AMT Elective	OMT Elective
AST Elective	TEM Elective
BIO Elective	TMC Elective
BMI Elective	
CAP Elective	
CEE Elective	
CHM Elective	
CIS Elective	
CSE Elective	
EEE Elective	
EGR Elective	
ENT Elective	
FIS Elective	
GIT Elective	
GLG Elective	
HSE Elective	
IEE Elective	
IFT Elective	
IGD Elective	
IVD Elective	
MAT Elective	
MFG Elective	
MGT Elective	
OGL Elective	

OMT Elective

PHY Elective

PSY Elective

PUP Elective

SER Elective

SES Elective

SOS Elective

STP Elective

TEM Elective

TMC Elective

TWC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technological Entrepreneurship and Management, BS

School/College: Ira A. Fulton Schools of Engineering
Location: ASU Local
TSTEMBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions.
TMC 110: Understanding the Enterprise	3	C	
TEM 100: Seminar in Entrepreneurship	1	C	
Elective	2		
Term hours subtotal:	7		

Term 1 - B 7 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FSE 181: Technological, Social, and Sustainable Systems (HU)	3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Term hours subtotal:	8		

Term 2 - A 15 - 24 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
MAT 210: Brief Calculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	9		

Term 2 - B 24 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IFT 101: Information Technology Programming Logic OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 110: Principles of Programming (CS) OR CSE 180: Computer Literacy (CS) OR GIT 215: Introduction to Web Authoring	3		
Natural Science - Quantitative (SQ)	4		

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

Term 3 - A 31 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEM 230: Creativity and Business Innovation	3	C	• Prep for success using the Sophomore Guide.
HSE 230: Statistics for Human Systems Research I (CS)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 3 - B 40 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEM 200: My Technology Venture	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete TEM 100 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 47 - 56 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEM 250: Design Methodology	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
STEM Elective (Recommended: EGR/GIT/HSE/IFT)	3		
Major Elective	3	C	
Term hours subtotal:	9		

Term 4 - B 56 - 62 Credit Hours	Hours	Minimum Grade	Notes
STEM Elective (Recommended: EGR/GIT/HSE/IFT)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 5 - A 62 - 71 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FSE 301: Entrepreneurship and Value Creation	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - B 71 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEM 300: Career Management for Entrepreneurs and Innovators	1	C	
TMC 330: Leading the Enterprise	3	C	
Upper Division STEM Elective	3		
Term hours subtotal:	7		

Term 6 - A 78 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TMC 320: Funding the Enterprise	3	C	• Research and prepare for graduate school . • Develop a professional profile online.
TMC 310: Promotion of the Enterprise	3	C	
Term hours subtotal:	6		

Term 6 - B 84 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
TEM 311: Opportunity Analysis	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 93 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEM 400: Technology Entrepreneurship	3	C	• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview.
TMC 430: Enterprise Strategy and Innovation	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
TEM 455: Global Impact Entrepreneurship OR OMT 440: International Business (G)	3	C	• If you are participating or planning on participating in the Thunderbird 4+1 degree, OMT 440 is required.
Upper Division STEM Elective	3		
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEM 431: Innovation Management	3	C	
★ TMC 498: Pro-Seminar (L) OR TEM 481: Consulting Project OR TEM 482: Startup Workshop	3	C	
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OMT 430: Ethical Issues in Technology OR OMT 402: Legal Issues for Technologists	3	C	
Major Elective	3	C	
Term hours subtotal:	6		

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Hide Course List(s)/Track Group(s)

Major Elective	STEM Elective
FSE Elective	AME Elective
OMT Elective	AMT Elective
TEM Elective	AST Elective

TMC Elective

BIO Elective

BME Elective

BMI Elective

CAP Elective

CEE Elective

CHM Elective

CIS Elective

CSE Elective

EEE Elective

EGR Elective

ENT Elective

FIS Elective

FSE Elective

GIT Elective

GLG Elective

HSE Elective

IEE Elective

IFT Elective

IGD Elective

IVD Elective

MAT Elective

MDC Elective

MFG Elective

MGT Elective

MKT Elective

OGL Elective

OMT Elective

PHY Elective

PSY Elective

PUP Elective

SER Elective

SES Elective

SOS Elective

STP Elective

TEM Elective

TMC Elective

TWC Elective

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Innovation in Society, BA

School/College: College of Global Futures
Location: Tempe campus
FIFISBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FIS 101: SFIS: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Join a student club or professional organization.
FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA) OR Mathematics (MA)	3		
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a first draft resume.
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Computer/Statistics/Quantitative Applications (CS) (CIS 105 recommended)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

FIS 201: Innovation in Society (H)	3	C	• Secure a part-time job or volunteer experience
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	5		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
FIS 305: Ways of Knowing (L)	3	C	• Use Handshake to research employment opportunities. • Explore an internship
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
FIS 307: Navigating Futures (SB)	3	C	• Reflect on the skills you have and the skills you think you need.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
FIS 308: Politics, Markets and Innovation (SB)	3	C	• Develop your professional online presence
FIS Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR FIS 484: Internship	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**

★ FIS Upper Division Elective	3	C	
Upper Division Related Area Elective	3	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- Gather professional references
- Complete an in person or virtual practice interview

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ FIS 480: Innovation in Society Studio OR FIS 493: Honors Thesis (L)	3	C	• FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.
Upper Division Related Area Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Related Area Electives

- ASB 452: Community Partnerships for Global Health (SB)
- BIO 311: Biology and Society
- BIO 312: Bioethics (HU)
- BIO 320: Fundamentals of Ecology
- BIO 324: Environmental Ethics (HU)
- CEE 300: Engineering Business Practice (L)
- COM 312: Communication, Conflict, and Negotiation
- COM 314: Inner-City Families: The Cycle of Poverty
- COM 421: Rhetoric of Social Issues (HU)
- COM 426: Political Communication (SB)
- ECN 355: Economics of Healthcare
- ECN 445: Environmental Economics
- FIS 431: Technology, Security and Insecurity in Global Politics
- GPH 314: Global Change (HU & G)
- HPS 314: Philosophy of Science (HU)
- HPS 322: History of Science I (HU & H)

HPS 340: Biology and Society

HST 318: History of Engineering ((L or SB) & G)

HST 345: Environmental History (L)

IDS 301: Becoming Interdisciplinary

JUS 303: Justice Theory (L)

JUS 325: Globalization and Socio-Economic Justice (SB & G)

JUS 445: Surveillance and Society

JUS 456: Human Rights and Sustainability ((L or SB) & G)

PAF 300: Public Management and Administration

PAF 311: Leadership and Change (SB)

SOS 315: Energy Policy

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 327: Sustainable Food and Farms

SOS 328: Sustainability and Enterprise

TCL 447: Gender, Culture, and Development ((L or SB) & G)

WST 440: Politics of Women's Health (SB & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Innovation in Society, BA

School/College: College of Global Futures
Location: ASU Local
FIFISBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-ONL: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Join a student club or professional organization.
MAT 142: College Mathematics (MA) OR Mathematics (MA)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Create a first draft resume.
Computer/Statistics/Quantitative Applications (CS) (CIS 105 recommended)	3		
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	

Elective	3	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

Term 3 - A 30 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FIS 201: Innovation in Society (H)	3	C	• Secure a part-time job or volunteer experience.
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Term hours subtotal:	7		

Term 3 - B 37 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 45 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FIS 305: Ways of Knowing (L)	3	C	• Use Handshake to research employment opportunities. • Explore an internship.
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Term 4 - B 54 - 61 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 61 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIS 307: Navigating Futures (SB)	3	C	• Reflect on the skills you have and the skills you think you need.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 5 - B 67 - 76 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		

Complete 2 courses: Elective	6	
Term hours subtotal:	9	

Term 6 - A 76 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS Upper Division Elective	3	C	• Develop your professional online presence
Literacy and Critical Inquiry (L)	3		
Elective	2		
Term hours subtotal:	8		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS 308: Politics, Markets and Innovation (SB)	3	C	
Upper Division Elective OR FIS 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS Upper Division Elective	3	C	• Gather professional references • Complete an in person or virtual practice interview
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS 480: Innovation in Society Studio	3	C	• FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Upper Division Related Area Electives
ASB 452: Community Partnerships for Global Health (SB)
BIO 311: Biology and Society
BIO 312: Bioethics (HU)
BIO 320: Fundamentals of Ecology
BIO 324: Environmental Ethics (HU)
COM 312: Communication, Conflict, and Negotiation
GPH 314: Global Change (HU & G)
HPS 314: Philosophy of Science (HU)
HPS 322: History of Science I (HU & H)
HPS 340: Biology and Society
HST 318: History of Engineering ((L or SB) & G)
HST 345: Environmental History (L)
IDS 301: Becoming Interdisciplinary
JUS 303: Justice Theory (L)
PAF 300: Public Management and Administration
PAF 311: Leadership and Change (SB)
SOS 315: Energy Policy
SOS 320: Society and Sustainability (L or SB)
SOS 321: Policy and Governance in Sustainable Systems
SOS 322: International Development and Sustainability
SOS 327: Sustainable Food and Farms
SOS 328: Sustainability and Enterprise

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Innovation in Society, BS

School/College: College of Global Futures
Location: Tempe campus
FIFISBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FIS 101: SFIS: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Join a student club or professional organization
FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a first draft resume
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FIS 201: Innovation in Society (H)	3	C	• Secure a part-time job or volunteer experience
Complete 2 courses: Technical Elective	6	C	
Complete 2 courses: Elective	6		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

FIS 305: Ways of Knowing (L)	3	C	• Use Handshake to research employment opportunities • Explore an internship
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Technical Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS 307: Navigating Futures (SB)	3	C	• Reflect on the skills you have and the skills you think you need
FIS Upper Division Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS 308: Politics, Markets and Innovation (SB)	3	C	• Develop your professional online presence
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR FIS 484: Internship	3		
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS Upper Division Elective	3	C	• Gather professional references • Complete an in person or virtual practice interview
Upper Division Related Area Elective	3	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS 480: Innovation in Society Studio OR FIS 493: Honors Thesis (L)	3	C	• FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least 3 credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.
Upper Division Related Area Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Technical Elective
AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective

Upper Division Related Area Electives
ASB 452: Community Partnerships for Global Health (SB)
BIO 311: Biology and Society
BIO 312: Bioethics (HU)
BIO 320: Fundamentals of Ecology
BIO 324: Environmental Ethics (HU)
CEE 300: Engineering Business Practice (L)
COM 312: Communication, Conflict, and Negotiation
COM 314: Inner-City Families: The Cycle of Poverty
COM 421: Rhetoric of Social Issues (HU)
COM 426: Political Communication (SB)
ECN 355: Economics of Healthcare
ECN 445: Environmental Economics
FIS 431: Technology, Security and Insecurity in Global Politics
GPH 314: Global Change (HU & G)
HPS 314: Philosophy of Science (HU)
HPS 322: History of Science I (HU & H)
HPS 340: Biology and Society
HST 318: History of Engineering ((L or SB) & G)
HST 345: Environmental History (L)
IDS 301: Becoming Interdisciplinary
JUS 303: Justice Theory (L)
JUS 325: Globalization and Socio-Economic Justice (SB & G)
JUS 445: Surveillance and Society
JUS 456: Human Rights and Sustainability ((L or SB) & G)
PAF 300: Public Management and Administration
PAF 311: Leadership and Change (SB)
SOS 315: Energy Policy

SOS 320: Society and Sustainability (L or SB)
SOS 321: Policy and Governance in Sustainable Systems
SOS 322: International Development and Sustainability
SOS 327: Sustainable Food and Farms
SOS 328: Sustainability and Enterprise
TCL 447: Gender, Culture, and Development ((L or SB) & G)
WST 440: Politics of Women's Health (SB & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Innovation in Society, BS

School/College: College of Global Futures
Location: ASU Local
FIFISBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-ONL: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Join a student club or professional organization
FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	• Create a first draft resume
Elective	3		
Term hours subtotal:	6		

Term 2 - B 20 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FIS 201: Innovation in Society (H)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		

Term 3 - A 29 - 36 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		• Secure a part-time job or volunteer experience
Elective	3		
Term hours subtotal:	7		

Term 3 - B 36 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Technical Elective	6	C	
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS)	3	C	• Use Handshake to research employment opportunities • Explore an internship
Technical Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 51 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FIS 305: Ways of Knowing (L)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIS 307: Navigating Futures (SB)	3	C	• Reflect on the skills you have and the skills you think you need
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIS Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FIS 308: Politics, Markets and Innovation (SB)	3	C	• Develop your professional online presence
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR FIS 484: Internship	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS Upper Division Elective	3	C	• Gather professional references • Complete an in person or virtual practice interview
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIS 480: Innovation in Society Studio	3	C	• FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.
Upper Division Related Area Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Technical Elective
AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective

Upper Division Related Area Electives
ASB 452: Community Partnerships for Global Health (SB)
BIO 311: Biology and Society
BIO 312: Bioethics (HU)
BIO 320: Fundamentals of Ecology
BIO 324: Environmental Ethics (HU)
COM 312: Communication, Conflict, and Negotiation
GPH 314: Global Change (HU & G)
HPS 314: Philosophy of Science (HU)
HPS 322: History of Science I (HU & H)
HPS 340: Biology and Society

HST 318: History of Engineering ((L or SB) & G)
HST 345: Environmental History (L)
IDS 301: Becoming Interdisciplinary
JUS 303: Justice Theory (L)
PAF 300: Public Management and Administration
PAF 311: Leadership and Change (SB)
SOS 315: Energy Policy
SOS 320: Society and Sustainability (L or SB)
SOS 321: Policy and Governance in Sustainable Systems
SOS 322: International Development and Sustainability
SOS 327: Sustainable Food and Farms
SOS 328: Sustainability and Enterprise

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sustainability, BA

School/College: College of Global Futures
Location: Polytechnic campus, Tempe campus
SUSUSTBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	• SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students. • SOS 201 required of all Sustainability transfer students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.
SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
SOS 110: Sustainable World (SB)	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete SOS 110 AND SOS 111 course(s).			
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

SOS 220: Systems Thinking	3	C	• Create a first draft resume and start attending sustainability career-related workshops and lectures.
SOS 232: Professional Skills in Sustainability Practice	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for track requirement details.
SOS 231: Careers in Sustainability	1	C	
SOS 310: Equity, Justice and Sustainability	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Upper Division Track Required Course	3	C	
Complete SOS 231 AND SOS 232 course(s).			
Milestone: Select a track.			
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	6	C	• See track/group notes below for track requirement details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Meet with the College of Global Futures Career Advisor to review your resume.
SOS 311: Future Thinking and Strategies	3	C	
Related Discipline Elective	3	C	
Natural Science - Quantitative (SQ)	4		
Minimum 2.50 GPA in SFS and SOS.			

★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 76 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Track Elective Course	3	C	• See track/group notes below for track elective details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Begin exploring internship opportunities and meet with the College of Global Futures internship advisor to discuss your interests.
Related Discipline Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 484: Capstone: Internship	4	B-	• See track/group notes below for upper division track elective details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Meet with the College of Global Futures career advisor to discuss and refine your career search process.
Upper Division Related Discipline Elective	3	C	
Upper Division Track Elective Course	3	C	
Upper Division Elective	2		
Elective	3		
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L) OR SOS 493: Honors Thesis (L)	3	B-	• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.
Upper Division Related Discipline Elective	3	C	
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	1		
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

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  - Sustainability BA students must select one of the following challenge area tracks:
    - Society and Sustainability (SOS 320)
    - Policy and Governance in Sustainable Systems (SOS 321)
    - International Development and Sustainability (SOS 322)
    - Sustainable Urban Dynamics (SOS 323 or SOS 465)

- Students must declare a track by the end of Term 4.
- Students must complete the one required course for their chosen track.
- Students must also complete any additional three track courses for a total of 12 credit hours of track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found here.

Hide Course List(s)/Track Group(s)

International Development and Sustainability Track
Required Course:
SOS 322: International Development and Sustainability
Electives:
AFR 340: The Making of Modern Africa (SB & G & H)
AGB 302: International Management and Agribusiness (G)
ALT 412: Village Energy Systems
ASB 100: Introduction to Global Health (SB & G)
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
FIS 337: Innovation and Global Development (G)
GCU 364: Energy in the Global Arena (SB & G)
GPH 314: Global Change (HU & G)
JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G)
JUS 352: The Global Politics of Human Rights (SB & G)
OMT 440: International Business (G)
POS 160: Global Politics (SB & G)
POS 300: Contemporary Global Controversies (SB & G)
POS 368: Ethics and Human Rights
POS 486: International Political Economy (SB & G)

Policy and Governance in Sustainable Systems Track
Required Course:
SOS 321: Policy and Governance in Sustainable Systems
Electives:
AGB 414: Food and Agribusiness Policy Issues (L)
ABS 381: Natural Resources Policy
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
BIO 412: Conservation in Practice
ECN 441: Public Economics (SB)
GCU 361: Urban Geography (SB)
GPH 314: Global Change (HU & G)
HST 345: Environmental History (L)
JUS 332: Politics of Energy Policy and Justice
PAF 300: Public Management and Administration
PAF 340: Contemporary Policy Challenges
PHI 407: Environmental Philosophy and Policy (L or HU)
POS 160: Global Politics (SB & G)
POS 300: Contemporary Global Controversies (SB & G)
POS 346: Problems of Democracy (HU)
POS 351: Democratization (SB & G)
POS 364: National Security, Intelligence, and Terrorism (SB)
POS 368: Ethics and Human Rights

Society and Sustainability Track
Required Course:
SOS 320: Society and Sustainability (L or SB)
Electives:
ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C)
ASB 211: Women in Other Cultures ((HU or SB) & G)
ASB 311: Principles of Social Anthropology (SB & G & H)
ASB 326: Human Impacts on Ancient Environments (SB & H)
ASB 344: Technology and Society (L or SB)
ASB 370: Ethics of Eating (L or SB)
BIO 311: Biology and Society
BIO 434: People and Nature: Ecosystem Services
ENG 367: Environmental Issues in Literature and Film (L or HU)
FIS 111: Welcome to the Future
FIS 334: Science, Technology and Inequality (C)
GCU 350: The Geography of World Crises (SB & G)
GCU 351: Population Geography (SB & G)
GCU 357: Social Geography (SB)
GCU 441: Economic Geography (SB)
GCU 442: Geographical Analysis of Transportation (SB)
GPH 210: Society and Environment (G)

SBS 480: Global Justice (G)

SGS 301: Principles of Global Studies (G)

SGS 303: Global Trends (SB & G)

SGS 330: Globalization and the Environment: Problems and Solutions

SGS 340: Violence, Conflict and Human Rights

SOC 333: Population (SB & G)

SOS 447: Gender, Culture, and Development ((L or SB) & G)

STS 330: Information Technology and Globalization (SB & G)

STS 332: Global Issues in Science and Technology (SB)

TDM 458: International Tourism (G)

TEM 431: Innovation Management

TEM 450: Design for the Developing World

TEM 455: Global Impact Entrepreneurship

WST 378: Global Feminist Theory (L & G)

POS 410: Governing American Cities (SB)

PUP 301: Introduction to Urban Planning (L)

PUP 430: Transportation Planning and the Environment

SGS 330: Globalization and the Environment: Problems and Solutions

SOS 371: Inequality and Sustainability

STS 325: Science, Technology, and Public Policy (SB)

TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)

JUS 320: Community and Social Justice (SB & C)

JUS 321: Wealth Distribution and Poverty (SB & C)

JUS 405: Inequality, Economy and Justice ((L or SB) & G)

JUS 430: Social Protest, Conflict, and Change ((L or SB) & C)

JUS 444: Environment and Justice (L & C)

PSY 306: Environmental Psychology (SB)

PSY 350: Social Psychology (SB)

SGS 330: Globalization and the Environment: Problems and Solutions

SOC 270: Sociology of Race and Ethnicity (SB & C)

SOC 331: Environmental Sociology (SB & G)

SOC 332: The Modern City (G)

SOC 334: Technology and Society (L or SB)

SOC 352: Social Change (SB & G & H)

SOS 309: History and Philosophy of Sustainability or HST 308: History and Philosophy of Sustainability or PHI 322: History and Philosophy of Sustainability

SOS 447: Gender, Culture, and Development ((L or SB) & G)

SOS 467: Art and Ecology

WST 375: Women and Social Change (SB & C)

WST 380: Race, Gender, and Class (SB & C)

WST 457: Women, Cultures, and Societies (SB & G)

Sustainable Urban Dynamics Track

Required Course:

SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism

Electives:

ABS 260: Fundamentals of Sustainable Horticulture (SG)

ABS 364: Urban Forestry

ALA 100: Introduction to Environmental Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU & G)

APH 300: World Architecture I/Western Cultures (HU & H & G)

ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G)

CHE 469: Air Quality Engineering

GCU 359: Cities of the World I (SB & G & H)

GCU 361: Urban Geography (SB)

GCU 425: Geography of the Mexican American Borderland ((L or SB) & G)

GCU 442: Geographical Analysis of Transportation (SB)

PAF 220: Introduction to Urban America

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 351: Urban and Metropolitan Studies

PAF 352: Urban Theory

POS 410: Governing American Cities (SB)

POS 464: Border Cities: Action Research on Globalization (SB & G)

PUP 200: Cities in Cinema (HU & H & G)

PUP 301: Introduction to Urban Planning (L)

PUP 363: History of Planning

PUP 410: Public Participation in Planning

PUP 430: Transportation Planning and the Environment

SOC 331: Environmental Sociology (SB & G)

SOS 315: Energy Policy

SOS 327: Sustainable Food and Farms

SOS 330: Sustaining the Commons (L)

SOS 414: Urban and Environmental Health (SB) or ASM 414: Environmental Health (SB)

SOS 498: Designing a Living Building (L)

STS 325: Science, Technology, and Public Policy (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sustainability, BA

School/College: College of Global Futures
Location: ASU Local
SUSUSTBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	• SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students • SOS 201 required of all Sustainability transfer students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3		• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 110: Sustainable World (SB)	3	C	• Create a first draft resume.
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 220: Systems Thinking	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete SOS 110 AND SOS 111 course(s).			
Minimum 2.50 GPA in SOS and SFS.			

Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 3 - A 30 - 37 Credit Hours	Hours	Minimum Grade	Notes
SOS 232: Professional Skills in Sustainability Practice	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. • Develop your skills.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete Mathematics (MA) requirement.			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 4 - A 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for track requirement details
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 4 - B 51 - 58 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for track requirement details
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Milestone: Select a track.			

Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
	Term hours subtotal:	7	

Term 5 - A 58 - 65 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOS 231: Careers in Sustainability	1	C	• See track/group notes below for track requirement details. • Schedule an appointment with the College of Global Futures career advisor to review your resume.
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 5 - B 65 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOS 311: Future Thinking and Strategies	3	C	• See track/group notes below for track requirement details
Upper Division Track Required Course	3	C	
Literacy and Critical Inquiry (L)	3		
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 6 - A 74 - 80 Credit Hours	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Explore internship opportunities and schedule an appointment with the College of Global Futures internship advisor to discuss your interests.
Related Discipline Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 80 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Related Discipline Elective	3	C	• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.
Track Elective Course	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

		Minimum	

Term 7 - A 89 - 98 Credit Hours	Hours	Grade	Notes
Upper Division Related Discipline Elective	3	C	• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.
Upper Division Track Elective Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 7 - B 98 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L)	3	B-	• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.
Upper Division Related Discipline Elective	3	C	
Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 8 - A 107 - 113 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOS 484: Capstone: Internship	4	B-	• Schedule an appointment with the College of Global Futures career advisor to discuss and refine your career search process.
Upper Division Elective	2		
Term hours subtotal:	6		

Term 8 - B 113 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	1		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	7		

-
  - Sustainability BA students must select one of the following challenge area tracks:
    Society & Sustainability (SOS 320)
    Policy and Governance in Sustainable Systems (SOS 321)
    International Development and Sustainability (SOS 322)
    Sustainable Urban Dynamics (SOS 323 or SOS 465)
  - Students must declare a track by the end of Term 4.
  - Students must complete the one required track course for their chosen track.
  - Students must also complete any additional three track courses for a total of 12 credit hours of track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
  - Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found here.

Hide Course List(s)/Track Group(s)

International Development and Sustainability Track
Required Course:
SOS 322: International Development and Sustainability
Electives:
AGB 302: International Management and Agribusiness (G)
ASB 100: Introduction to Global Health (SB & G)
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
GPH 314: Global Change (HU & G)
JUS 352: The Global Politics of Human Rights (SB & G)
OMT 440: International Business (G)
POS 160: Global Politics (SB & G)
POS 300: Contemporary Global Controversies (SB & G)
POS 368: Ethics and Human Rights
POS 486: International Political Economy (SB & G)
SGS 301: Principles of Global Studies (G)
SGS 303: Global Trends (SB & G)
SGS 340: Violence, Conflict and Human Rights
STS 330: Information Technology and Globalization (SB & G)
STS 332: Global Issues in Science and Technology (SB)
TDM 458: International Tourism (G)
TEM 431: Innovation Management
TEM 450: Design for the Developing World
TEM 455: Global Impact Entrepreneurship
WST 378: Global Feminist Theory (L & G)

Policy and Governance in Sustainable Systems Track
Required Course:
SOS 321: Policy and Governance in Sustainable Systems
Electives:
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
BIO 412: Conservation in Practice
GCU 361: Urban Geography (SB)
GPH 314: Global Change (HU & G)
HST 345: Environmental History (L)
PAF 300: Public Management and Administration
PAF 340: Contemporary Policy Challenges
POS 160: Global Politics (SB & G)
POS 300: Contemporary Global Controversies (SB & G)
POS 351: Democratization (SB & G)
POS 368: Ethics and Human Rights
PUP 301: Introduction to Urban Planning (L)
PUP 430: Transportation Planning and the Environment

Society and Sustainability Track
Required Course:
SOS 320: Society and Sustainability (L or SB)
Electives:
ASB 370: Ethics of Eating (L or SB)
ENG 367: Environmental Issues in Literature and Film (L or HU)
GCU 350: The Geography of World Crises (SB & G)
GCU 351: Population Geography (SB & G)
GCU 442: Geographical Analysis of Transportation (SB)
GPH 210: Society and Environment (G)
PSY 350: Social Psychology (SB)
SOC 270: Sociology of Race and Ethnicity (SB & C)
SOC 332: The Modern City (G)
SOC 334: Technology and Society (L or SB)
SOC 352: Social Change (SB & G & H)
WST 380: Race, Gender, and Class (SB & C)

Sustainable Urban Dynamics Track

Required Course:

SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism

Electives:

ALA 100: Introduction to Environmental Design (HU & H & G)

GCU 361: Urban Geography (SB)

GCU 442: Geographical Analysis of Transportation (SB)

PUP 200: Cities in Cinema (HU & H & G)

PUP 301: Introduction to Urban Planning (L)

PUP 363: History of Planning

PUP 410: Public Participation in Planning

PUP 430: Transportation Planning and the Environment

SOS 315: Energy Policy

SOS 327: Sustainable Food and Farms

SOS 414: Urban and Environmental Health (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.0 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sustainability, BS

School/College: College of Global Futures
Location: Polytechnic campus, Tempe campus
SUSUSTBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	• SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students. • SOS 201 required of all Sustainability transfer students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.
SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. • Join a student club or professional organization.
SOS 110: Sustainable World (SB)	3	C	
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete SOS 110 AND SOS 111 course(s).			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

SOS 220: Systems Thinking	3	C	• Create a first draft resume and start attending sustainability career-related workshops and lectures.
SOS 212: Systems, Dynamics and Sustainability	3	C	
SOS 232: Professional Skills in Sustainability Practice	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 63 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for Track requirement details.
SOS 231: Careers in Sustainability	1	C	
SOS 310: Equity, Justice and Sustainability	3	C	
Upper Division Track Required Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete SOS 211 AND SOS 212 course(s).			
Complete SOS 231 AND SOS 232 course(s).			
Milestone: Select a track.			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 63 - 78 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	6	C	• See track/group notes below for Track requirement details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Meet with the College of Global Futures career advisor to review your resume.
SOS 311: Future Thinking and Strategies	3	C	
Related Discipline Elective	3	C	
Elective	3		
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 15

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Discipline Elective	3	C	• See track/group notes below for Track elective details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Begin exploring internship opportunities and meet with the College of Global Futures internship advisor to discuss your interests.
Track Elective Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 484: Capstone: Internship	4	B-	• See track/group notes below for Track elective details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Meet with the College of Global Futures career advisor to discuss and refine your career search process.
Upper Division Related Discipline Elective	3	C	
Upper Division Track Elective Course	3	C	
Upper Division Elective	2		
Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L) OR SOS 493: Honors Thesis (L)	3	B-	• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.
Upper Division Related Discipline Elective	3	C	
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

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  - Sustainability BS students must select one of the following challenge area tracks:
    - Sustainable Energy, Materials, and Technology (SOS 324)
    - Economics of Sustainability (SOS 325)
    - Ecosystems Sustainability (SOS 326)
  - Students must declare a track by the end of Term 4
  - Students must complete the one required track course for their chosen track.
  - Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.

- Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

More information on BS Tracks can be found here.

Hide Course List(s)/Track Group(s)

Economics of Sustainability Track
Required Course:
SOS 325: The Economics of Sustainability
Electives:
ASB 316: Money and Culture (L or SB)
ECN 211: Macroeconomic Principles (SB)
ECN 212: Microeconomic Principles (SB)
ECN 306: Survey of International Economics (SB & G)
ECN 312: Intermediate Microeconomic Theory (SB)
ECN 313: Intermediate Macroeconomic Theory (SB)
ECN 345: Survey of Environmental and Resource Economics
ECN 360: Economic Development (SB & G)
ECN 413: Advanced Honors Macroeconomics
ECN 414: Advanced Honors Microeconomics
ECN 425: Introduction to Econometrics
ECN 436: International Trade Theory (SB & G)
ECN 445: Environmental Economics
GCU 441: Economic Geography (SB)
JUS 325: Globalization and Socio-Economic Justice (SB & G)
POS 486: International Political Economy (SB & G)
SGS 330: Globalization and the Environment: Problems and Solutions
SOS 371: Inequality and Sustainability

Ecosystems Sustainability Track
Required Course:
SOS 326: Sustainable Ecosystems
Electives:
ABS 364: Urban Forestry
ABS 370: Ecology
ABS 430: Watershed Management
ABS 481: Riparian and Wetland Restoration
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
BIO 303: Plant Diversity and Evolution (L or SG)
BIO 304: Plants and Civilization (L) or PLB 302: Plants and Civilization (L)
BIO 308: Plant Physiology
BIO 311: Biology and Society
BIO 313: The Flora of Arizona
BIO 320: Fundamentals of Ecology
BIO 322: Conservation of Biodiversity
BIO 323: Ecosystem Restoration and Management
BIO 324: Environmental Ethics (HU)
BIO 325: Oceanography or GLG 325: Oceanography
BIO 331: Animal Behavior
BIO 370: Vertebrate Zoology
BIO 386: General Entomology
BIO 410: Techniques in Conservation Biology and Ecology (L)
BIO 411: Quantitative Methods in Conservation and Ecology
BIO 412: Conservation in Practice
BIO 421: Landscape Ecology

Sustainable Energy, Materials, and Technology Track
Required Course:
SOS 324: Sustainable Energy Technology and Systems
Electives:
ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)
ALT 435: Applied Photovoltaics
APH 313: History of Architecture I ((L or HU) & G & H)
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
CHM 107: Chemistry and Society (SQ)
CON 101: Construction and Culture: a Built Environment (HU & H)
ERM 201: Environmental Management
ERM 203: Environmental Regulations
ERM 302: Water and Wastewater Treatment Technology
ERM 401: Hazardous Waste Management
ERM 426: Environmental Issues
ERM 428: International Environmental Management (G)
GCU 364: Energy in the Global Arena (SB & G)
GPH 405: Energy and Environment
GPH 412: Physical Meteorology
HST 302: Energy Transitions and Sustainability
IND 242: Materials and Design
SES 141: Energy In Everyday Life (SQ)
SOS 171: The Thread of Energy (SB & G)

- BIO 423: Population and Community Ecology
- BIO 434: People and Nature: Ecosystem Services
- BIO 471: Ornithology
- BIO 472: Mammalogy
- BIO 474: Herpetology
- CHM 302: Environmental Chemistry
- GLG 110: Dangerous World (SQ & G)
- GPH 314: Global Change (HU & G)
- GPH 381: Geography of Natural Resources (G)
- HST 345: Environmental History (L)
- MIC 205: Microbiology (SG)
- MIC 220: Biology of Microorganisms
- PLB 300: Plant Diversity and Evolution (L or SG)
- PLB 310: The Flora of Arizona
- SCN 301: Ecology and Natural History of the Sonoran Desert (SG)
- SOS 372: Earth Science in Arizona and the Southwest
- SOS 374: Earth's Critical Zone
- SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G)
- SOS 414: Urban and Environmental Health (SB)
- SOS 429: Human Impacts on Ecosystem Functioning
- SOS 433: Sustainable Water Use
- SOS 476: Earth's Past Climates: The Key to our Sustainable Future
- SOS 181: Technological, Social, and Sustainable Systems (HU)
- SOS 315: Energy Policy
- SOS 435: U.S. Energy: Pathways to Sustainability
- SOS 494: Renewable Energy

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120

General University Requirements Legend

Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sustainability, BS

School/College: College of Global Futures
Location: ASU Local
SUSUSTBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	• SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students • SOS 201 required of all Sustainability transfer students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 13 - 22 Credit Hours	Hours	Minimum Grade	Notes
SOS 110: Sustainable World (SB)	3	C	• Create a first draft resume.
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 212: Systems, Dynamics and Sustainability	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete SOS 110 AND SOS 111 course(s).			
Minimum 2.50 GPA in SOS and SFS.			

Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	7	

Term 3 - A 29 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 220: Systems Thinking	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. • Develop your skills.
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Term hours subtotal:	7		

Term 3 - B 36 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 232: Professional Skills in Sustainability Practice	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Complete SOS 211 AND SOS 212 course(s).			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 43 - 50 Credit Hours	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for track requirement details
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 50 - 57 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 231: Careers in Sustainability	1	C	• See track/group notes below for track requirement details
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Milestone: Select a track.			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal:	7	

Term 5 - A 57 - 66 Credit Hours	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for track requirement details • Schedule an appointment with the College of Global Futures career advisor to review your resume.
Upper Division Track Required Course	3	C	
Elective	3		
Term hours subtotal:	9		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.
Track Elective Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours	Hours	Minimum Grade	Notes
SOS 311: Future Thinking and Strategies	3	C	• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.
Upper Division Track Elective Course	3	C	
Related Discipline Elective	3	C	
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Discipline Elective	3	C	• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. • Explore internship opportunities and schedule an appointment with the College of Global Futures internship advisor to discuss your interests.
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 7 - A 90 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Discipline Elective	3	C	• All students must complete 12 hours of approved Related Discipline courses. A

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Elective	3	
Term hours subtotal:	9	

Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L)	3	B-	
Upper Division Related Discipline Elective	3	C	
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

- All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.
- Schedule an appointment with the College of Global Futures career advisor to discuss and refine your career search process.

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOS 484: Capstone: Internship	4	B-	
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

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  - Sustainability BS students must select one of the following challenge area tracks:
    - Sustainable Energy, Materials, and Technology (SOS 324)
    - Economics of Sustainability (SOS 325)
    - Ecosystems Sustainability (SOS 326)
  - Students must declare a track by the end of Term 4.
  - Students must complete the one required track course for their chosen track.
  - Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
  - Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

  Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

  More information on BS Tracks can be found here.

Hide Course List(s)/Track Group(s)

Economics of Sustainability Track	Ecosystems Sustainability Track

Required Course:
SOS 325: The Economics of Sustainability
Electives:
ASB 316: Money and Culture (L or SB)
ECN 211: Macroeconomic Principles (SB)
ECN 212: Microeconomic Principles (SB)
ECN 306: Survey of International Economics (SB & G)
ECN 312: Intermediate Microeconomic Theory (SB)
ECN 313: Intermediate Macroeconomic Theory (SB)
ECN 360: Economic Development (SB & G)
ECN 436: International Trade Theory (SB & G)
POS 486: International Political Economy (SB & G)

Required Course:
SOS 326: Sustainable Ecosystems
Electives:
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
BIO 304: Plants and Civilization (L)
BIO 320: Fundamentals of Ecology
BIO 324: Environmental Ethics (HU)
BIO 331: Animal Behavior
BIO 370: Vertebrate Zoology
BIO 412: Conservation in Practice
GLG 110: Dangerous World (SQ & G)
GPH 314: Global Change (HU & G)
GPH 381: Geography of Natural Resources (G)
HST 345: Environmental History (L)
MIC 205: Microbiology (SG)
MIC 220: Biology of Microorganisms
SOS 414: Urban and Environmental Health (SB)

Sustainable Energy, Materials, and Technology Track
Required Course:
SOS 324: Sustainable Energy Technology and Systems
Electives:
ALA 100: Introduction to Environmental Design (HU & H & G)
CHM 107: Chemistry and Society (SQ)
HST 302: Energy Transitions and Sustainability
SES 141: Energy In Everyday Life (SQ)
SOS 171: The Thread of Energy (SB & G)
SOS 315: Energy Policy
SOS 494: Renewable Energy

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.0 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sustainable Food Systems, BS

School/College: College of Global Futures
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus
SUSFOSYSBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	• SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students. • SOS 201 required of all Sustainability transfer students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.
SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. • Join a student club or professional organization.
SOS 110: Sustainable World (SB)	3	C	
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete SOS 110 AND SOS 111 course(s).			
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

SOS 220: Systems Thinking	3	C
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ)	4	
SFS 215: Fundamentals of Sustainable Food Systems	3	C
SOS 212: Systems, Dynamics and Sustainability	3	C
Computer/Statistics/Quantitative Applications (CS)	3	
Complete First-Year Composition requirement.		
Minimum 2.50 GPA in SFS and SOS.		
Minimum 2.50 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Create a first draft resume.
- Start attending sustainability career-related workshops and lectures.

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NTR 241: Human Nutrition	3	C	
SFS 216: The Sustainable Plate	3	C	
SOS 182: Water Planet (SQ)	4	C	
SOS 231: Careers in Sustainability	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete SFS 215 AND SFS 216 course(s).			
Complete SOS 211 AND SOS 212 course(s).			
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	
SOS 311: Future Thinking and Strategies	3	C	
SOS 326: Sustainable Ecosystems	3	C	
SOS 327: Sustainable Food and Farms	3	C	
Skills Elective	3	C	
Minimum 2.50 GPA in SFS and SOS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

- Meet with the College of Global Futures Career Advisor to review your resume.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	
Focus Area Course	3	C	
Skills Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.50 GPA in SFS and SOS.			

- Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
- Begin exploring internship opportunities and meet with the College of Global Futures Assistant Director of Internships and Experiential Education to discuss your interests.

★ Minimum 2.50 GPA ASU Cumulative.	
Term hours subtotal:	15

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SFS 484: Internship	4	B-	• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. • Meet with the College of Global Futures Career Advisor to discuss and refine your career search process.
Upper Division Focus Area Course	3	C	
Complete 2 courses: Upper Division Elective	5		
Elective	3		
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SFS 498: Pro-Seminar (L)	3	B-	• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
Upper Division Focus Area Course	3	C	
Complete 3 courses: Upper Division Elective	9		
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

- Students must select one of the following focus areas:
  - Procurement
  - Ecosystem Science
  - Business & Innovation
  - Educational Leadership
  - Global Engagement
  - Policy & Governance
  - Public Health & Nutrition
- Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

Skills Electives	Procurement	Ecosystem Science
AME 130: Prototyping Dreams (L)	AGB 250: Economics of Resource Allocation: Food and Agriculture	ABS 207: Applied Plant Taxonomy
CIS 105: Computer Applications and Information Technology (CS)	AGB 425: Food Supply Networks	ABS 260: Fundamentals of Sustainable Horticulture (SG)
CIS 300: Web Design and Development	AGB 435: Commodity Futures and Options Markets	ABS 270: Sustainable Biological Systems
COM 225: Public Speaking (L)	AGB 445: Food Retailing	ABS 314: Applied Plant Physiology
COM 459: Theory and Methods of Social Media Networks	AGB 456: Food Product Innovation and Development	ABS 318: Unseen Life on Earth
ECN 211: Macroeconomic Principles (SB)	AGB 481: Strategic Pricing in Food Markets	ABS 368: Plant Propagation
ECN 212: Microeconomic Principles (SB)		ABS 370: Ecology

ENG 216: Persuasive Writing on Public Issues (L)

FIS 305: Ways of Knowing (L)

GIS 205: Geographic Information Science I (CS)

GIS 211: Geographic Information Science II (CS)

MGT 430: Negotiations

NLM 300: Fund Raising and Resource Development

SOS 232: Professional Skills in Sustainability Practice

SST 220: Introduction to Social Transformation

NTR 142: Applied Food Principles

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 445: Management of Food Service Systems

NTR 455: Retail Food Service Operations

SOS 328: Sustainability and Enterprise

SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II

SOS 498: Interventions on Sustainable Consumption on Campus (L)

SOS 498: Sustainable Food Economy (L)

TDM 481: Sustainable Food Management in Tourism

ABS 380: Restoration and Wildlife Plants

ABS 394: Food and Human Health

ABS 452: Commercial Applications of Fermentation

ABS 460: Organic Gardening

ABS 464: Desert Horticulture

BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)

BIO 108: Concepts in Plant Biology (SQ)

BIO 130: Introduction to Environmental Science (SQ)

BIO 182: General Biology II (SG)

BIO 304: Plants and Civilization (L)

BIO 320: Fundamentals of Ecology

BIO 322: Conservation of Biodiversity

BIO 386: General Entomology

BIO 418: Soil Ecology

BIO 434: People and Nature: Ecosystem Services

CEE 181: Technological, Social, and Sustainable Systems (HU)

PLB 302: Plants and Civilization (L)

SES 106: Habitable Worlds (SQ)

SOS 314: Basic Energy Science

SOS 429: Human Impacts on Ecosystem Functioning or BIO 429: Human Impacts on Ecosystem Functioning

Business & Innovation (at least 2 courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM)

AGB 100: Introduction to Agribusiness

AGB 250: Economics of Resource Allocation: Food and Agriculture

AGB 302: International Management and Agribusiness (G)

AGB 321: Agribusiness Marketing

AGB 333: Agribusiness Finance

AGB 366: Agribusiness Production Technologies

AGB 414: Food and Agribusiness Policy Issues (L)

Educational Leadership

CDE 232: Human Development (SB)

CDE 337: Early Childhood Intervention

ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB)

ECD 220: Introduction to Nutrition, Health and Safety

EDP 310: Children and Poverty (SB)

EDP 310: Developing as a Leader (SB)

EDP 310: Educational Psychology for Non-Teachers (SB)

EDP 310: Motivation (SB)

Global Engagement

AGB 302: International Management and Agribusiness (G)

AGB 452: Global Food and Agricultural Trade

AIS 180: Introduction to American Indian Studies (C)

AIS 320: American Indian Philosophies and World Views (HU & C)

AIS 480: Actualizing Decolonization (HU & C & G)

ASB 305: Poverty and Global Health ((L or SB) & G)

GCU 121: World Geography (SB & G)

- AGB 420: Food Advertising and Promotion
- AGB 425: Food Supply Networks
- AGB 435: Commodity Futures and Options Markets
- AGB 445: Food Retailing
- AGB 452: Global Food and Agricultural Trade
- AGB 456: Food Product Innovation and Development
- AGB 481: Strategic Pricing in Food Markets
- BUS 424: Sales and Negotiations
- BUS 434: Business Risk Management
- ENT 305: Principles of Entrepreneurship
- ENT 340: Creativity and Innovation (L or HU)
- ENT 360: Entrepreneurship and Value Creation
- FIS 308: Politics, Markets and Innovation (SB)
- MKT 300: Marketing and Business Performance
- MKT 390: Essentials of Marketing
- MKT 391: Essentials of Selling
- MKT 395: Essentials of Advertising and Marketing Communication
- MKT 435: Entrepreneurial Marketing
- NTR 343: Food Service Purchasing
- NTR 455: Retail Food Service Operations
- SOS 328: Sustainability and Enterprise
- SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I
- SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II
- STS 329: Technology in Developing Countries (SB & G)
- TDM 481: Sustainable Food Management in Tourism
- TEM 455: Global Impact Entrepreneurship
- EDP 310: Multicultural Issues (SB)
- HEP 102: Foundations of Health Education and Health Promotion
- NTR 343: Food Service Purchasing
- NTR 344: Nutrition Management and Leadership (L)
- NTR 445: Management of Food Service Systems
- OGL 200: Introduction to Organizational Leadership (SB)
- OGL 220: Behavioral Dynamics in Organizations (SB)
- OGL 260: Resource Allocation in Organizations
- OGL 355: Leading Organizational Innovation and Change
- SCN 209: Introduction to Environmental Education Project
- SCN 300: Foundations of Environmental Education
- SCN 301: Ecology and Natural History of the Sonoran Desert (SG)
- SCN 302: Environmental Education (L & G)
- TEL 111: Exploration of Education (SB)
- TEL 215: Introduction to Child and Adolescent Development (SB)
- TEL 405: History of Education and Policy Reform in the United States
- USL 210: Service Learning: Intro to Diverse Community Issues (L & C)
- USL 402: Service Learning: Education & Youth (C)
- GCU 432: Geography of China (SB & G)
- JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)
- JHR 484: Human Trafficking
- POS 160: Global Politics (SB & G)
- POS 240: Introduction to Southeast Asia ((HU or SB) & G)
- POS 260: Current Issues in International Politics ((L or SB) & G)
- POS 300: Contemporary Global Controversies (SB & G)
- POS 348: Do You Want to Build a Nation? (L)
- POS 367: World Politics and Global Inequalities (G)
- POS 454: Mexico (SB & G)
- POS 480: Global Justice (G)
- SGS 203: Contemporary Global Trends (SB & G)
- SOS 322: International Development and Sustainability
- SOS 456: Human Rights and Sustainability ((L or SB) & G)
- STS 329: Technology in Developing Countries (SB & G)
- STS 332: Global Issues in Science and Technology (SB)
- TEM 450: Design for the Developing World

Policy & Governance

- AGB 414: Food and Agribusiness Policy Issues (L)

Public Health & Nutrition

- AGB 414: Food and Agribusiness Policy Issues (L)

AGB 452: Global Food and Agricultural Trade

JUS 214: The Pursuit of Justice in the 21st Century (SB)

PAF 201: Economics and Public Policy (SB)

PAF 340: Contemporary Policy Challenges

PAF 420: Managing Across Boundaries

POS 216: State and Local Government (SB)

POS 230: Current Issues in National Politics (L or SB)

POS 310: American National Government (SB)

POS 313: The Congress (SB)

POS 325: Public Policy Development (SB)

POS 333: Interest Groups (SB)

POS 417: Arizona Politics (SB)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

POS 480: Global Justice (G)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 456: Human Rights and Sustainability ((L or SB) & G)

AGB 420: Food Advertising and Promotion

AGB 425: Food Supply Networks

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)

BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)

BIO 182: General Biology II (SG)

HCI 311: Health Innovation: Foundational Concepts

HCR 230: Culture and Health (C & G)

HSC 355: Eating for Lifelong Health (SB)

NTR 142: Applied Food Principles

NTR 320: History of Human Nutrition

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 348: Cultural Aspects of Food (SB & C & G)

NTR 351: Nutrition Communication (L)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability

NTR 445: Management of Food Service Systems

NTR 448: Community Nutrition (L)

NTR 450: Nutrition in the Life Cycle (SB)

NTR 455: Retail Food Service Operations

PBH 422: Health Disparities and Access to Health

POP 100: Introduction to Population Health

SOS 370: Ethics of Eating (L or SB)

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sustainable Food Systems, BS

School/College: College of Global Futures
Location: ASU Local
SUSFOSYSBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	• SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students • SOS 201 required of all Sustainability transfer students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 13 - 22 Credit Hours	Hours	Minimum Grade	Notes
SOS 110: Sustainable World (SB)	3	C	• Create a first draft resume.
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ)	4	C	
SOS 212: Systems, Dynamics and Sustainability	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete SOS 110 AND SOS 111 course(s).			

Minimum 2.50 GPA in SOS and SFS.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	7	

Term 3 - A 29 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 220: Systems Thinking	3	C	
NTR 241: Human Nutrition	3	C	
SFS 215: Fundamentals of Sustainable Food Systems	3	C	
Term hours subtotal:	9		

Term 3 - B 38 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
SFS 216: The Sustainable Plate	3	C	
Skills Elective	3	C	
Complete First-Year Composition requirement.			
Complete SOS 211 AND SOS 212 course(s).			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 47 - 55 Credit Hours	Hours	Minimum Grade	Notes
SOS 231: Careers in Sustainability	1	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	8		

Term 4 - B 55 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOS 182: Water Planet (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Complete SFS 215 AND SFS 216 course(s).			
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	8		

Term 5 - A 63 - 72 Credit Hours	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
SOS 326: Sustainable Ecosystems	3	C	
Focus Area Course	3	C	
Term hours subtotal:	9		

- Schedule an appointment with the College of Global Futures Career Advisor to review your resume.

Term 5 - B 72 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 311: Future Thinking and Strategies	3	C	
SOS 327: Sustainable Food and Farms	3	C	
Skills Elective	3	C	
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 6 - A 81 - 90 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 6 - B 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Explore internship opportunities and schedule an appointment with the College of Global Futures Internship and Experiential Education Specialist to discuss your interests.
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 7 - A 96 - 103 Credit Hours	Hours	Minimum Grade	Notes
SFS 484: Internship	4	B-	• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
Upper Division Focus Area Course	3	C	
Term hours subtotal:	7		

Term 7 - B 103 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Elective	2		• Schedule an appointment with the College of Global Futures Career Advisor to discuss and refine your career search process.
Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	5		

Term 8 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
SFS 498: Pro-Seminar (L)	3	B-	• Students will select one focus area and complete 12 credit hours of courses from that
Upper Division Focus Area Course	3	C	

	Term hours subtotal:	6	

area. Students may also talk with their academic advisor to craft a unique focus area.

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

- Students must select one of the following focus areas:
  - Procurement
  - Ecosystem Science
  - Business & Innovation
  - Educational Leadership
  - Global Engagement
  - Policy & Governance
  - Public Health & Nutrition
- Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

Skills Electives
CIS 105: Computer Applications and Information Technology (CS)
CIS 300: Web Design and Development
COM 225: Public Speaking (L)
ECN 211: Macroeconomic Principles (SB)
ECN 212: Microeconomic Principles (SB)
ENG 216: Persuasive Writing on Public Issues (L)
GIS 205: Geographic Information Science I (CS)
GIS 211: Geographic Information Science II (CS)
MGT 430: Negotiations
SOS 232: Professional Skills in Sustainability Practice

Procurement
AGB 250: Economics of Resource Allocation: Food and Agriculture
AGB 425: Food Supply Networks
AGB 435: Commodity Futures and Options Markets
AGB 445: Food Retailing
AGB 456: Food Product Innovation and Development
AGB 481: Strategic Pricing in Food Markets
NTR 142: Applied Food Principles
NTR 343: Food Service Purchasing
NTR 344: Nutrition Management and Leadership (L)
NTR 445: Management of Food Service Systems
NTR 455: Retail Food Service Operations
SOS 328: Sustainability and Enterprise
SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II

Ecosystem Science
ABS 270: Sustainable Biological Systems
BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)
BIO 108: Concepts in Plant Biology (SQ)
BIO 130: Introduction to Environmental Science (SQ)
BIO 182: General Biology II (SG)
BIO 304: Plants and Civilization (L)
BIO 320: Fundamentals of Ecology
BIO 322: Conservation of Biodiversity
PLB 302: Plants and Civilization (L)
SES 106: Habitable Worlds (SQ)
SOS 314: Basic Energy Science

SOS 498: Interventions on Sustainable Consumption on Campus (L)

SOS 498: Sustainable Food Economy (L)

Business & Innovation (at least 2 courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM)

AGB 250: Economics of Resource Allocation: Food and Agriculture

AGB 302: International Management and Agribusiness (G)

AGB 420: Food Advertising and Promotion

AGB 425: Food Supply Networks

AGB 435: Commodity Futures and Options Markets

AGB 445: Food Retailing

AGB 456: Food Product Innovation and Development

AGB 481: Strategic Pricing in Food Markets

ENT 360: Entrepreneurship and Value Creation

MKT 300: Marketing and Business Performance

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

NTR 343: Food Service Purchasing

NTR 455: Retail Food Service Operations

SOS 328: Sustainability and Enterprise

SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I

SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II

STS 329: Technology in Developing Countries (SB & G)

TDM 481: Sustainable Food Management in Tourism

TEM 455: Global Impact Entrepreneurship

Policy & Governance

JUS 214: The Pursuit of Justice in the 21st Century (SB)

PAF 201: Economics and Public Policy (SB)

Educational Leadership

CDE 232: Human Development (SB)

ECD 220: Introduction to Nutrition, Health and Safety

EDP 310: Children and Poverty (SB)

EDP 310: Developing as a Leader (SB)

EDP 310: Educational Psychology for Non-Teachers (SB)

EDP 310: Motivation (SB)

EDP 310: Multicultural Issues (SB)

HEP 102: Foundations of Health Education and Health Promotion

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 445: Management of Food Service Systems

OGL 200: Introduction to Organizational Leadership (SB)

OGL 220: Behavioral Dynamics in Organizations (SB)

OGL 260: Resource Allocation in Organizations

OGL 355: Leading Organizational Innovation and Change

SCN 300: Foundations of Environmental Education

TEL 111: Exploration of Education (SB)

TEL 215: Introduction to Child and Adolescent Development (SB)

TEL 405: History of Education and Policy Reform in the United States

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

Public Health & Nutrition

AGB 420: Food Advertising and Promotion

AGB 425: Food Supply Networks

Global Engagement

AGB 302: International Management and Agribusiness (G)

ASB 305: Poverty and Global Health ((L or SB) & G)

GCU 121: World Geography (SB & G)

GCU 432: Geography of China (SB & G)

POS 160: Global Politics (SB & G)

POS 240: Introduction to Southeast Asia ((HU or SB) & G)

POS 260: Current Issues in International Politics ((L or SB) & G)

POS 300: Contemporary Global Controversies (SB & G)

POS 348: Do You Want to Build a Nation? (L)

SOS 322: International Development and Sustainability

STS 329: Technology in Developing Countries (SB & G)

STS 332: Global Issues in Science and Technology (SB)

TEM 450: Design for the Developing World

PAF 340: Contemporary Policy Challenges

PAF 420: Managing Across Boundaries

POS 216: State and Local Government (SB)

POS 310: American National Government (SB)

POS 313: The Congress (SB)

POS 325: Public Policy Development (SB)

POS 333: Interest Groups (SB)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)

BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)

BIO 182: General Biology II (SG)

HCI 311: Health Innovation: Foundational Concepts

HCR 230: Culture and Health (C & G)

HSC 355: Eating for Lifelong Health (SB)

NTR 142: Applied Food Principles

NTR 320: History of Human Nutrition

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 348: Cultural Aspects of Food (SB & C & G)

NTR 351: Nutrition Communication (L)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability

NTR 445: Management of Food Service Systems

NTR 450: Nutrition in the Life Cycle (SB)

NTR 455: Retail Food Service Operations

PBH 422: Health Disparities and Access to Health

POP 100: Introduction to Population Health

SOS 370: Ethics of Eating (L or SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Global Management - Internatl Business & Culture, BGM

School/College: Thunderbird School of Global Management
Location: West campus
TBTGMBGM

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 101: Principles of Global Management (G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Review the "ThunderGuide" located on your Canvas course page. See advisor for details. • Create a first draft resume • Create your LinkedIn profile • Create your Handshake profile
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
TGM 191: First-Year Seminar	1		
Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 204: Principles of Marketing for Global Organizations	3	C	• Build your professional connections-- join the ASU Mentor Network • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 200: Principles of Accounting for Global Organizations	3	C	• Develop your skills.
COM 225: Public Speaking (L)	3	C	
ECN 211: Macroeconomic Principles (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Grade	Notes
STP 226: Elements of Statistics (CS)	3	C	• Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in term 5. • Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major.
ECN 212: Microeconomic Principles (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major. • Review the "ThunderGuide"Canvas course moduletitled "TGM 484 Internship Information." • Work with your academic advisor to start planning your requiredinternship experiencein Term 7.
TGM 391: Global Business and Professional Development Skills	1	C	
TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
ENG 301: Writing for the Professions (L)	3		
TGM 312: Big Data in the Global Economy	3	C	
Elective	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 353: Regional Management Environment (G)	3	C	• Work with your academic advisor to start planning your required internship experience in Term 7. • Research employment opportunities. • Complete an in person or virtual practice interview.
TGM 300: Principles of Finance for Global Organizations	3	C	
Complete 3 courses: Elective	9		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 484: Internship	3-6	C	• An internship experience is required. • Gather professional references. • Apply for full-time career opportunities.
TGM 487: Global Entrepreneurship	3	C	
TGM 489: Multinational Organizational Leadership	3	C	
Complete 2 courses: Upper Division Elective	5		
Term hours subtotal:	14-17		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 478: Cross-Cultural Communication and Negotiation	3	C	• Apply for full-time career opportunities.
TGM 498: Pro-Seminar (L)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Global Management - Internatl Business & Culture, BGM

School/College: Thunderbird School of Global Management
Location: ASU Local
TBTGMBGM

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 101: Principles of Global Management (G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Review the "ThunderGuide" located on your Canvas course page. See advisor for details. • Create your Linkedin profile • Create your Handshake profile • Create a first draftresume
ASU 101-ONL: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• View ASU Online first-year student registration information here • Join a student club • Secure a part-time jobor volunteer experience
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 204: Principles of Marketing for Global Organizations	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 22 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• Build your professional connections -- join the ASU Mentor Network
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		

Term 3 - A 31 - 37 Credit Hours	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	

ECN 211: Macroeconomic Principles (SB)	3	C
Term hours subtotal:	6	

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 200: Principles of Accounting for Global Organizations	3	C	• Develop your skills
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	• Term 5 or Term 6 are preferred for study abroad. Meet with your advisor to plan for the best study abroad options for your major.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours	Hours	Minimum Grade	Notes
TGM 312: Big Data in the Global Economy	3	C	• Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5B.
ENG 301: Writing for the Professions (L)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	• Review the "ThunderGuide"Canvas course moduletitled "TGM 484 Internship Information" • Work with your academic advisor to start planning for your required international internship
TGM 391: Global Business and Professional Development Skills	1	C	
Elective	3		
Term hours subtotal:	7		

Term 6 - A 76 - 85 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 353: Regional Management Environment (G)	3	C	
TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 6 - B 85 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 300: Principles of Finance for Global Organizations	3	C	
TGM 487: Global Entrepreneurship	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

- Work with your academic advisor to start planning for your required international internship
- Research employment opportunities
- Complete an in person or virtual practice interview

Term 7 - A 91 - 97 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TGM 484: Internship	3-6	C	• An international internship experience is required.
Elective	3		
Term hours subtotal:	6-9		

Term 7 - B 97 - 105 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TGM 489: Multinational Organizational Leadership	3	C	• Gather professional references • Apply for full-time career opportunities
Complete 2 courses: Upper Division Elective	5		
Term hours subtotal:	8		

Term 8 - A 105 - 111 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TGM 498: Pro-Seminar (L)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Global Management - Intl Business, Lang & Culture, BGM

School/College: Thunderbird School of Global Management
Location: West campus
TBTGMBGM

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 101: Principles of Global Management (G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Review the "ThunderGuide" located on your Canvas course page. See advisor for details. • Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor. • Create a first draft resume. • Create your LinkedIn profile. • Create your Handshake profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
MND 101: First-Year Chinese I OR SPA 101: Elementary Spanish I	4-5	C	
TGM 191: First-Year Seminar	1		
Term hours subtotal:	14-15		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 204: Principles of Marketing for Global Organizations	3	C	• Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor. • Build your professional connections-- join the ASU Mentor Network. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CIS 105: Computer Applications and Information Technology (CS)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MND 102: First-Year Chinese II OR SPA 102: Elementary Spanish II	4-5	C	
Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		

Term 3 30 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 200: Principles of Accounting for Global Organizations	3	C	• Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program.
COM 225: Public Speaking (L)	3	C	
ECN 211: Macroeconomic Principles (SB)	3	C	
MND 201: Second-Year Chinese I OR SPA 201: Intermediate Spanish (G)	4-5	C	

Natural Science - Quantitative (SQ)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	17-18	

Credit hours may vary depending on language; elective credits may require adjustment. See advisor.

- Develop your skills.

Term 4 47 - 64 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS)	3	C	• Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor. • Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in term 5. • Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major.
ECN 212: Microeconomic Principles (SB)	3	C	
MND 202: Second-Year Chinese II OR SPA 202: Intermediate Spanish (G)	4-5	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	17-18		

Term 5 64 - 80 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to discuss the best study abroad option for your major. Meet with your academic advisor to begin planning for the best study abroad options for your major. • Review the "ThunderGuide"Canvas course moduletitled "TGM 484 Internship Information." • Work with your academic advisor to start planning your required internship experience in Term 7.
TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
TGM 312: Big Data in the Global Economy	3	C	
TGM 391: Global Business and Professional Development Skills	1	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 6 80 - 96 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 353: Regional Management Environment (G)	3	C	• Work with your academic advisor to start planning your required internship experience in Term 7. • Research employment opportunities. • Complete an in person or virtual practice interview.
TGM 300: Principles of Finance for Global Organizations	3	C	
Historical Awareness (H)	3		
Elective	2		
Complete 2 courses: Upper Division Elective	5		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 96 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 484: Internship	3-6	C	• An internship experience is required. • Gather professional references. • Apply for full-time career opportunities.
TGM 489: Multinational Organizational Leadership	3	C	
TGM 487: Global Entrepreneurship	3	C	

Upper Division Elective	3	
Term hours subtotal:	12-15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Trade, BS

School/College: Thunderbird School of Global Management
Location: West campus
TBINTRABS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 101: Principles of Global Management (G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Review the "ThunderGuide" located on your Canvas course page. See advisor for details. • Create a first draft resume. • Create your LinkedIn profile. • Create your Handshake profile.
CIS 105: Computer Applications and Information Technology (CS)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
TGM 191: First-Year Seminar	1		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 204: Principles of Marketing for Global Organizations	3	C	• Build your professional connections-- join the ASU Mentor Network. • Join a student club or professional organization. • Secure a part-time job or a volunteer experience.
COM 225: Public Speaking (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 200: Principles of Accounting for Global Organizations	3	C	• Develop your skills.
ECN 211: Macroeconomic Principles (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 47 - 60 Credit Hours Critical course signified by	Hours	Grade	Notes
STP 226: Elements of Statistics (CS)	3	C	• Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5. • Term 5 or Term 6 is preferred for study abroad.Meet with your academic advisor to begin planning for the best study abroad options for your major.
ECN 212: Microeconomic Principles (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major. • Review the "ThunderGuide"Canvas course moduletitled "TGM 484 Internship Information." • Work with your academic advisor to start planning your required internship experience in Term 7.
TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
ECN 306: Survey of International Economics (SB & G)	3	C	
TGM 310: Supply Chain Operations for Global Organizations	3	C	
TGM 312: Big Data in the Global Economy	3	C	
TGM 391: Global Business and Professional Development Skills	1	C	
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 353: Regional Management Environment (G)	3	C	• Work with your academic advisor to start planning your required internship experience in Term 7. • Research employment opportunities. • Complete an in person or virtual practice interview.
TGM 300: Principles of Finance for Global Organizations	3	C	
TGM 430: International Trade and Regional Economic Agreements	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 484: Internship	3-6	C	• An internship experience is required. • Gather professional references. • Apply for full-time career opportunities.
TGM 489: Multinational Organizational Leadership	3	C	
TGM 460: Global Risk Assessment and Management	3	C	
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	14-17		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Trade, BS

School/College: Thunderbird School of Global Management
Location: ASU Local
TBINTRABS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 101: Principles of Global Management (G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Review the "ThunderGuide" located on your Canvas course page. See advisor for details. • Create your Linkedin profile • Create your Handshake profile • Create a first draftresume
ASU 101-ONL: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3		• View ASU Online first-year student registration information here • Join a student club • Secure a part-time jobor volunteer experience
MAT 210: Brief Calculus (MA)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 204: Principles of Marketing for Global Organizations	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Term hours subtotal:	9		

Term 2 - B 22 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	• Build your professional connections -- join the ASU Mentor Network
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		

Term 3 - A 31 - 40 Credit Hours	Hours	Minimum Grade	Notes

COM 225: Public Speaking (L)	3	C
ECN 211: Macroeconomic Principles (SB)	3	C
Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	9	

Term 3 - B 40 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TGM 200: Principles of Accounting for Global Organizations	3	C	• Develop your skills
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 47 - 56 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS)	3	C	
TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 4 - B 56 - 63 Credit Hours	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	• Term 5 or Term 6 are preferred for study abroad. Meet with your advisor to plan for the best study abroad options for your major.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 63 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 353: Regional Management Environment (G)	3	C	
TGM 310: Supply Chain Operations for Global Organizations	3	C	
TGM 312: Big Data in the Global Economy	3	C	
Term hours subtotal:	9		

Term 5 - B 72 - 79 Credit Hours	Hours	Minimum Grade	Notes
TGM 391: Global Business and Professional Development Skills	1	C	• A minimum 2.50 cumulative ASU GPA is required to register for LES 305 in Term 6A. • Review the "ThunderGuide"Canvas course moduletitled "TGM 484 Internship Information" • Work with your academic advisor to start planning for your required international internship.
TGM 430: International Trade and Regional Economic Agreements	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 6 - A 79 - 88 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	
ECN 306: Survey of International Economics (SB & G)	3		
Elective	3		

Term hours subtotal:	9

Term 6 - B 88 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 300: Principles of Finance for Global Organizations	3	C	• Work with your academic advisor to start planning for your required international internship • Research employment opportunities • Complete an in person or virtual practice interview
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 94 - 100 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 484: Internship	3-6	C	• An international internship experience is required.
TGM 460: Global Risk Assessment and Management	3	C	
Term hours subtotal:	6-9		

Term 7 - B 100 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 489: Multinational Organizational Leadership	3	C	• Gather professional references • Apply for full-time career opportunities
Elective	3		
Term hours subtotal:	6		

Term 8 - A 106 - 115 Credit Hours	Hours	Minimum Grade	Notes
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 115 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TGM 498: Pro-Seminar (L)	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Food and Nutrition Entrepreneurship), BAS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
ECNTRBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Develop your professional online presence.
Computer/Statistics/Quantitative Applications (CS) (CIS 105 recommended)	3		
Upper Division Elective	3		
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	15		

Term 6 75 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 343: Food Service Purchasing	3	C	
CIS 300: Web Design and Development	3	C	
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	
NTR 351: Nutrition Communication (L)	3	C	
Upper Division Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 89 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ NTR 455: Retail Food Service Operations	3	C	• Gather professional references
ACC 382: Accounting and Financial Analysis	3	C	
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
NTR 344: Nutrition Management and Leadership (L)	3	C	
NTR 345: Development of Healthy Cuisines	3	C	
Term hours subtotal:	15		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ NTR 445: Management of Food Service Systems	4	C	• Apply for full-time career opportunities
HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	
MGT 380: Management and Strategy for Nonmajors	3	C	
NTR Upper Division Elective	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	16		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Food and Nutrition Entrepreneurship), BAS

School/College: College of Health Solutions
Location: ASU Local
ECNTRBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Develop your professional online presence.
Computer/Statistics/Quantitative Applications (CS) (CIS 105 recommended)	3		
Term hours subtotal:	6		

Term 5 - B 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	6		

Term 6 - A 72 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 343: Food Service Purchasing	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

Term 6 - B 77 - 83 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
CIS 300: Web Design and Development	3	C	
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	6

Term 7 - A 83 - 89 Credit Hours	Hours	Minimum Grade	Notes
ACC 382: Accounting and Financial Analysis	3	C	• Gather professional references
NTR 351: Nutrition Communication (L)	3	C	
Term hours subtotal:	6		

Term 7 - B 89 - 95 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 455: Retail Food Service Operations	3	C	
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
Term hours subtotal:	6		

Term 8 - A 95 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 344: Nutrition Management and Leadership (L)	3	C	
NTR 345: Development of Healthy Cuisines	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 8 - B 104 - 111 Credit Hours	Hours	Minimum Grade	Notes
NTR 445: Management of Food Service Systems	4	C	
NTR Upper Division Elective	3	C	
Term hours subtotal:	7		

Term 9 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 380: Management and Strategy for Nonmajors	3	C	• Apply for full-time career opportunities
HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	
Term hours subtotal:	6		

Term 9 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Health Sciences), BAS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus, ASU at Yavapai
NUHSCBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ HCD 330: Health Care Systems in the U.S.	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Develop your professional online presence
HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L)	3	C	
HSC 300: Complementary Health Care	3	C	
HSC 310: Health Communication	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ HCD 303: Global Health Care Systems (G)	3	C	
★ MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
HSC 412: Health Issues in Later Life	3	C	
HSC 432: Legal Issues in Health Care	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**

EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	• Gather professional references
CHS 340: Health Theory	3	C	
HCD 420: Population Health Management	3	C	
HSC 410: Supporting the Health of Older Adults	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
HCD 400: Interpreting the Scientific Literature	3	C	• Apply for full-time career opportunities
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
MED 417: Impact of Violence on Health	3	C	
MED 450: Leadership and Professionalism	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Health Sciences), BAS

School/College: College of Health Solutions
Location: ASU Local
NUHSCBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 330: Health Care Systems in the U.S.	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Develop your professional online presence
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 5 - B 66 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSC 310: Health Communication	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
HCD 303: Global Health Care Systems (G)	3	C	
Term hours subtotal:	6		

Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HSC 412: Health Issues in Later Life	3	C	
Any needed lower division General Studies requirement OR Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:	6	

Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L)	3	C	• Gather professional references
HSC 300: Complementary Health Care	3	C	
Term hours subtotal:	6		

Term 7 - B 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
HSC 410: Supporting the Health of Older Adults	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 8 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHS 340: Health Theory	3	C	
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
Term hours subtotal:	6		

Term 8 - B 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	
HCD 400: Interpreting the Scientific Literature	3	C	
Term hours subtotal:	6		

Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MED 450: Leadership and Professionalism	3	C	• Apply for full-time career opportunities
HCD 420: Population Health Management	3	C	
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
HSC 432: Legal Issues in Health Care	3	C	
MED 417: Impact of Violence on Health	3	C	
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Medical Laboratory Science), BAS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NUMLSBAS

Applicable Community College Prerequisites 0 - 90 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	90		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	90		

Term 5 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Computer/Statistics/Quantitative Applications (CS)	3		• Develop your professional online presence
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 6 99 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
MDL 410: Laboratory Leadership	1	C	
MDL 420: Advanced Clinical Urinalysis and Body Fluids	2	C	
MDL 430: Advanced Hematology and Hemostasis	3	C	
MDL 440: Advanced Immunohematology and Immunology	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Summer 6 108 - 112 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
MDL 421: Advanced Practicum in Clinical Urinalysis and Body Fluids	1	C	
MDL 431: Advanced Practicum in Hematology and Hemostasis	1	C	

MDL 441: Advanced Practicum in Immunohematology and Immunology	2	C
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	4	

Term 7 112 - 118 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MDL 450: Advanced Clinical Microbiology	3	C	• Gather professional references
MDL 460: Advanced Clinical Chemistry	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 118 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MDL 451: Advanced Practicum: Clinical Microbiology	1	C	• Apply for full-time career opportunities
MDL 461: Advanced Practicum: Clinical Chemistry	1	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	2		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 90 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biomedical Informatics, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
ESBMIBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions majors take CHS 101 to fulfill this requirement. • First-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. • Students who test into MAT 251 can take MAT 170 in Term 1 as a refresher or take an elective course instead.
CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Elective (MAT 170 recommended)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BMI 110: Introduction to Python	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Join a student club or professional organization. • Create a first draft resume. • Select your Career Interest Communities and play me3@ASU.
BMI 201: Introduction to Clinical Informatics	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
BIO 182: General Biology II (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BMI 210: Data Structures and Algorithms in Python	3	C	• Develop your skills
CHM 113: General Chemistry I (SQ)	4	C	
BMI 102: Introduction to Population Health Informatics	3	C	
MAT 243: Discrete Mathematical Structures	3	C	
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BMI 221: Knowledge Representation for Biomedical Informatics	3	C	• Explore an internship
BMI 211: Modeling Biomedical Decisions	3	C	
BMI 310: App Development for Clinical and Population Health	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete BMI 102 AND BMI 201 course(s).			
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Update your resume. • Thinking about graduate school? Consider registering for a grad school test prep course.
BMI 311: Modeling Biomedical Knowledge	3	C	
BMI 330: Topics in Translational Bioinformatics	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	2		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BMI 312: Modeling Biomedical Data	3	C	• Use Handshake to research employment opportunities • Complete an in person or virtual practice interview
BMI 440: Software Engineering for Biomedical Informatics	3	C	
BMI 465: Introduction to Comparative Genomics	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BMI 461: Advanced Topics in Biomedical Informatics I	3	C	• Students are recommended to take BMI 484: Internship, CHS 394: Peer Instructional Facilitator, CHS 484: Citizen Science in Health or CHS 494: Advanced Undergraduate TA for their upper division elective. Visit the CHS student website to learn more.
BMI 482: Capstone I (L) OR CHS 492: Honors Directed Study	3	C	
BMI 410: Database Management in Health Care	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective (BMI 484 OR CHS 394 OR CHS 484 OR CHS 494 recommended)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BMI 404: Clinical Environments	3	C	• Apply for full-time career opportunities. • BMI 483 and CHS 493 fulfill the college's experiential learning requirement. • Barrett Honors College students who take CHS 492 and CHS 493 will need a Literacy and
BMI 483: Capstone II (L) OR CHS 493: Honors Thesis (L)	3	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	5		

Term hours subtotal:	14	Critical Inquiry (L) course in Term 8. Non-Barrett students who take BMI 482 and BMI 483 may take an elective course instead.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Clinical Exercise Science, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
ECEXERBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • First-year students must enroll in CHS 100; students who enter with more than 45 credit hours may enroll in CHS 300 instead. • Join a student club or professional organization.
KIN 101: Introduction to Kinesiology	3	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Elective	2		
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Explore 4+1 options in the major.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Secure a part-time job or volunteer experiences. • Become a student member of a professional organization.
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	
HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
NTR 241: Human Nutrition	3	C	
Elective	3		
Complete EXW 215 AND EXW 217 course(s).			

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Minimum 2.75 GPA ASU Cumulative.			
	Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Research health professions graduate programs. • Students interested in applying to health professions graduate programs should utilize electives to fulfill prerequisite coursework.
KIN 290: Introduction to Evidence-Based Practice (L) OR NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
KIN 352: Psychosocial Aspects of Physical Activity (SB & C)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EXW 330: Kinesiological Foundations of Movement	4	C	• Select Major Electives from the list below. • Graduate programs typically require a minimum 3.00 GPA for admission. • Develop your professional online presence.
KIN 340: Physiology of Exercise	3	C	
EXW 344: Impact of Physical Activity on Health and Disease (L)	3	C	
Upper Division Major Electives	3	C	
Elective	3		
Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 79 - 95 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EXW 420: Exercise Testing	4	C	• Select Major Electives from the list below. • Graduate programs typically require a minimum 3.00 GPA for admission. • Gather professional references.
Complete 2 courses: Upper Division Major Electives	6	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 95 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
KIN 447: ECG Interpretation	3	C	• Select Major Electives from the list below (EXW 494 "Ex Rx: Cardiorespiratory and Metabolic Conditions" recommended). • Explore an internship. • Thinking about graduate school? Consider registering for a grad school test prep course. • Graduate programs typically require a minimum 3.00 GPA for admission.
Complete 2 courses: Upper Division Major Electives	6	C	
Upper Division Elective	1		
Elective	3		
Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	13		

		Minimum	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ EXW 484: Internship	3	C	• Apply for full-time career opportunities. • EXW 484 fulfills the college's experiential learning requirement.
Upper Division Major Electives	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	12		

- Students will select their major electives with the advice of their academic advisor.

Hide Course List(s)/Track Group(s)

Major Electives
CHS 340: Health Theory
CHS 394: CHS Peer Instructional Facilitator
CHS 400: Adaptive Exercise Program Practical Experience
CHS 492: Honors Directed Study
CHS 493: Honors Thesis (L)
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
EXW 400: Stress Management for Wellness
EXW 426: Exercise for Neuromuscular Conditions (L)
EXW 494: Ex Rx: Cardiorespiratory and Metabolic Conditions
EXW 494: Exercise, Diet and Weight Control
HEP 410: Obesity Perspectives and Prescriptions
HSC 355: Eating for Lifelong Health (SB)
KIN 345: Motor Behavior
KIN 415: Theory of Corrective Exercise
KIN 422: Motor Control in Special Populations (L)
KIN 424: Neural Aspects of Movement and Rehabilitation
KIN 442: Fuel Metabolism
KIN 443: Exercise Endocrinology (L)
KIN 444: Metabolic Adaptations to Exercise Training

KIN 450: Biopsychosocial Perspectives on Physical Activity and Health

KIN 452: Exercise Psychology (SB)

KIN 460: Theory of Strength Training (L)

KIN 465: Muscle Physiology

NTR 345: Development of Healthy Cuisines

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability

NTR 448: Community Nutrition (L)

NTR 450: Nutrition in the Life Cycle (SB)

NTR 457: Sports Nutrition

PRM 364: Foundations of Recreation Therapy (SB)

PRM 384: Recreational Therapy Practicum

PRM 453: Inclusive Community Sport

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Dietetics, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHDIETCSBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Minimum grade of C required in all Didactic Program in Dietetics (DPD) courses. • In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50. • First-year students must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300.
CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
NTR 150: Introduction to the Professions in Nutrition and Dietetics	1	C	
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NTR 241: Human Nutrition	3	C	• Join a student club or professional organization. • Build your professional connections -- join the ASU Mentor Network. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50. • Develop your skills.
NTR 142: Applied Food Principles	3	C	
HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		

Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Secure a part-time job or volunteer experience. • Use Handshake to research employment opportunities.
CHS 260: Health Professions Terminology	3	C	
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Complete 2 courses: Elective	6		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50. • Develop your professional online presence.
NTR 341: Medical Nutrition Therapy I	3	C	
NTR 343: Food Service Purchasing	3	C	
NTR 351: Nutrition Communication (L)	3	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 361: Advanced Principles of Biochemistry	3	C	• Use Handshake to research employment opportunities.
NTR 344: Nutrition Management and Leadership (L)	3	C	
NTR 350: Nutrition Counseling	3	C	
NTR 444: Medical Nutrition Therapy II	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 93 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 400: Preprofessional Preparation in Dietetics	1	C	• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50. • Gather professional references.
NTR 441: Advanced Human Nutrition II	3	C	
NTR 446: Medical Nutrition Therapy III	4	C	
NTR 450: Nutrition in the Life Cycle (SB)	3	C	
Elective	2		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 440: Advanced Human Nutrition I	3	C	• Apply for full time career opportunities. • NTR 445 and NTR 448 fulfill the college's experiential learning requirement.
★ NTR 445: Management of Food Service Systems	4	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
NTR 448: Community Nutrition (L)	3	C	
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Food and Nutrition Entrepreneurship, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHFNUENBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Build your professional connections -- join the ASU Mentor Network. • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT course (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ)	4	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	• Develop your skills.
NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
BIO 160: Introduction to Anatomy and Physiology (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Elective	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Term hours subtotal:	16

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NTR 142: Applied Food Principles	3	C	• Secure a part-time job or volunteer experience.
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (NTR 348 recommended)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L) OR NTR 351: Nutrition Communication (L) OR TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	• Develop your professional online presence.
ACC 382: Accounting and Financial Analysis	3	C	
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
NTR 343: Food Service Purchasing	3	C	
NTR 345: Development of Healthy Cuisines	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 344: Nutrition Management and Leadership (L)	3	C	• Use Handshake to research employment opportunities.
HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	
MGT 380: Management and Strategy for Nonmajors	3	C	
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 455: Retail Food Service Operations	3	C	• Gather professional references.
CIS 300: Web Design and Development	3	C	
NTR 445: Management of Food Service Systems	4	C	
Elective	3		
Term hours subtotal:	13		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 360: Nutrition Entrepreneurship	3	C	• NTR 448 fulfills the college's experiential learning requirement. • Apply for full-time career opportunities.
NTR 448: Community Nutrition (L)	3	C	
Upper Division Elective	2		
Complete 2 courses:			

Elective	6	
Term hours subtotal:	14	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Food and Nutrition Entrepreneurship, BS

School/College: College of Health Solutions
Location: ASU Local
NHFNUENBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Build your professional connections -- join the ASU Mentor Network. • View ASU Online first-year student registration information here.
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ)	4	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	7		

Term 2 - B 20 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	• Join a student club or professional organization.
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 26 - 32 Credit Hours	Hours	Minimum Grade	Notes
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		

Term hours subtotal:	6

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	• Develop your skills.
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
BIO 160: Introduction to Anatomy and Physiology (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Elective	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NTR 142: Applied Food Principles	3	C	• Secure a part-time job or volunteer experience.
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L) OR NTR 351: Nutrition Communication (L) OR TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (NTR 348 recommended)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 343: Food Service Purchasing	3	C	• Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
ACC 382: Accounting and Financial Analysis	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 345: Development of Healthy Cuisines	3	C	• Use Handshake to research employment opportunities.
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C
NTR 344: Nutrition Management and Leadership (L)	3	C
Term hours subtotal:	6	

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 380: Management and Strategy for Nonmajors	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 455: Retail Food Service Operations	3	C	
NTR 445: Management of Food Service Systems	4	C	
Term hours subtotal:	7		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
CIS 300: Web Design and Development	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 112 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 448: Community Nutrition (L)	3	C	• NTR 448 fulfills the college's experiential learning requirement.
Upper Division Elective	2		
Term hours subtotal:	5		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
NTR 360: Nutrition Entrepreneurship	3	C	• Apply for full-time career opportunities.
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Care Administration and Policy, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHHCDBS

This program's name has changed effective Fall 2022. The previous name was Science of Health Care Delivery.

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Select your career interest communities and play me3@ASU. • First-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 117: College Algebra (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POP 100: Introduction to Population Health	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Join a student club or professional organization. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PHI 105: Intro to Ethics (HU)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective (CIS 105 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSC 210: Cultural Aspects of Health (C)	3	C	• Develop your skills.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 3 courses: Elective (ACC 231 OR HSE 101 OR LAW 210 OR OGL 200 recommended)	9		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	15

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCD 201: Economics for Health Majors	3	C	• Explore an internship.
HCD 330: Health Care Systems in the U.S.	3	C	
SOC 101: Introductory Sociology (SB)	3	C	
Complete 2 courses: Elective (SOC 270 recommended)	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 300: Biostatistics (CS)	3	C	• Update your resume
HCD 302: Health Care Management	3	C	
HSC 310: Health Communication	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 303: Global Health Care Systems (G)	3	C	• Use Handshake to research employment opportunities • Complete an in person or virtual practice interview
HCD 304: Health Care Finance	3	C	
HCD 332: Population Health Policy and Legislation	3	C	
HCD 420: Population Health Management	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 402: Health Economics	3	C	• Select a Health Administration and Policy Course from the list below. • All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 8 and visit the CHS student website for more information on opportunities, including research and internships, specific to your major. • Students must have a minimum 2.00 ASU cumulative GPA to enroll in HCD 484: Internship. • Apply for full-time career opportunities.
HSC 432: Legal Issues in Health Care	3	C	
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
MED 450: Leadership and Professionalism	3	C	
Health Administration and Policy Course	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 404: Advanced Concepts in the Science of Health Care Delivery	3	C	• Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
HCD 403: Process Engineering	3	C	
PBH 422: Health Disparities and Access to Health	3	C	

Experiential Learning Course	3	C	• Select a Health Administration and Policy Course from the list below.
Health Administration and Policy Course	3	C	
Term hours subtotal:	15		

- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Health Administration and Policy Course	Experiential Learning Course
ASB 376: Global Health Policy	The following courses are the most relevant for your major, but other options may be possible. See your advisor.
HCD 400: Interpreting the Scientific Literature	CHS 280: Experiential Community Health and Research
HCI 421: Health Care Policy: The Innovator's View	CHS 394: CHS Peer Instructional Facilitator
HSC 300: Complementary Health Care	CHS 484: Applied Health Experience
MED 394: Healthcare and Humanities	CHS 484: Citizen Science in Health
MED 417: Impact of Violence on Health	CHS 484: Translational Research
MGT 380: Management and Strategy for Nonmajors	CHS 493: Honors Thesis (L)
MGT 420: Human Resource Management	CHS 494: Advanced Undergraduate Teaching Assistant
OGL 300: Theory and Practice of Leadership	CHS 494: Undergraduate Research
PBH 410: Public Mental Health	HCD 484: Internship
PMG 320: Foundations of Project Management	HCR 471: Interprofessional Education and Community Health
SCM 494: Healthcare Supply Chain Management	MED 325: Elements of Hospice and Palliative Care
	MED 375: Alzheimer's and Other Dementias (SB)
	MED 475: Palliative Care: Managing Complex Serious Illness
	MED 494: Introduction To Clinical Healthcare

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Care Administration and Policy, BS

School/College: College of Health Solutions
Location: ASU Local
NHHCDBS

This program's name has changed effective Fall 2022. The previous name was Science of Health Care Delivery.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Select your career interest communities and play me3@ASU. • First-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA)	3	C	• View ASU Online first-year student registration information here.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POP 100: Introduction to Population Health	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	6		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 105: Intro to Ethics (HU)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSC 210: Cultural Aspects of Health (C)	3	C	• Join a student club or professional organization.
Elective (CIS 105 recommended)	3		
Term hours subtotal:	6		

Term 3 - B 33 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Elective (ACC 231 OR HSE 101 OR OGL 200 recommended)	9		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 42 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCD 201: Economics for Health Majors	3	C	• Create a first draft resume.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 4 - B 48 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCD 330: Health Care Systems in the U.S.	3	C	
SOC 101: Introductory Sociology (SB)	3	C	
Term hours subtotal:	6		

Term 5 - A 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective (LAW 210 recommended)	6		• Develop your skills.
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 300: Biostatistics (CS)	3	C	
HCD 302: Health Care Management	3	C	
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
HSC 310: Health Communication	3	C	• Explore an internship.
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 303: Global Health Care Systems (G)	3	C	
Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ HCD 304: Health Care Finance	3	C	• Update your resume.
HCD 332: Population Health Policy and Legislation	3	C	
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
HCD 420: Population Health Management	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 402: Health Economics	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
HSC 432: Legal Issues in Health Care	3	C	
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
MED 450: Leadership and Professionalism	3	C	
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 404: Advanced Concepts in the Science of Health Care Delivery	3	C	• Select a Health Administration and Policy Course from the list below. • All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 10A and visit the CHS student website for more information on opportunities, including research and internships, specific to your major.
Health Administration and Policy Course	3	C	
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
HCD 403: Process Engineering	3	C	
PBH 422: Health Disparities and Access to Health	3	C	
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Experiential Learning Course	3	C	• Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major. • Select a Health Administration and Policy Course from the list below. • Apply for full-time career opportunities.
Health Administration and Policy Course	3	C	
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Health Administration and Policy Course
HCD 400: Interpreting the Scientific Literature
HCI 421: Health Care Policy: The Innovator's View
HSC 300: Complementary Health Care
MED 417: Impact of Violence on Health
MGT 380: Management and Strategy for Nonmajors
MGT 420: Human Resource Management
OGL 300: Theory and Practice of Leadership
PBH 410: Public Mental Health
PMG 320: Foundations of Project Management

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 280: Experiential Community Health and Research
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
HCD 484: Internship

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Education and Health Promotion, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, ASU at Lake Havasu
NHHEHPBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • First-year students must complete CHS 100; students who enter the major with at least 45 hours should complete CHS 300. • Students who plan to apply to a graduate program after graduation may wish to take a higher level math than is required for this degree. If the student decides to do so, but tests into MAT 117 in term 1, an elective later in the program may be used to take a higher level math.
HEP 102: Foundations of Health Education and Health Promotion	3	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT course (MA)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L)	3	C	• Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302. • Visit the CHS Student Site for resources, appointment scheduling, internship information, etc • Join a student club or professional organization. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HEHP Major Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 160: Introduction to Anatomy and Physiology (SQ)	4	C	• Develop your skills. • Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.		
Term hours subtotal:	16	

program should take BIO 201 in Term 3 instead of BIO 160, and BIO 202 in Term 4 instead of an elective.

Term 4 47 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ)	4	C	• Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take CHM 113. They should also take BIO 201 in Term 3 instead of BIO 160, and BIO 202 in Term 4 instead of an elective. • Select an HEHP major elective from the list below.
HEHP Major Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	4		
Term hours subtotal:	14		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHS 340: Health Theory	3	C	• Select an upper division HEHP major elective from the list below. • Develop your professional online presence.
HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
HEP 348: Methods of Health Education	3	C	
NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	
Upper Division HEHP Major Elective	3	C	
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HEP 454: Health Promotion Program Planning and Implementation (L)	3	C	• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in term 7 and visit the CHS student website for more information on opportunities, including research and internships, specific to your major. • Complete an in person or virtual practice interview.
HEP 444: Epidemiology	3	C	
HEP 452: Health Advocacy in Health Education	3	C	
HEP 466: Health Promotion Program Management and Administration	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HEP 456: Health Promotion Program Evaluation	3	C	• Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major. • Choose a track in either Clinical Health Education Specialist or Community Health Education Specialist, and select a course from the appropriate track list below. • Courses used to count toward a track cannot be used as an HEHP major elective.
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	
Upper Division Track Course	3	C	
Experiential Learning Course	3	C	
Elective	3		
Term hours subtotal:	15		

- Students who use an HEHP major elective or track course to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.
- Apply for full-time career opportunities.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HEP 476: Community Health	3	C	• Students should follow the same track list they chose from in Term 7. • Courses used to count toward a track cannot be used as an HEHP major elective.
HEP 490: CHES Exam Preparation	1	C	
Complete 2 courses: Upper Division Track Course	6	C	
Upper Division Elective	2		
Elective	2		
Term hours subtotal:	14		

- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Courses used to count toward a track cannot be used as an HEHP major elective.
- Students who use an HEHP major elective or track course to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Hide Course List(s)/Track Group(s)

Clinical Health Education Specialist Track	Community Health Education Specialist Track	HEHP Major Electives
HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 443: Emotional Health and Interpersonal Relationships	HEP 303: Human Sexuality for Health Education	EXW 335: Physical Activity and Physiological Concepts
HEP 394: Diabetes Prevention & Management	HEP 361: Social Media and Marketing for Health	EXW 344: Impact of Physical Activity on Health and Disease (L)
HEP 394: Health Advocacy for Special Populations	HEP 394: Health and Climate Change	EXW 400: Stress Management for Wellness
		HEP 241: Health Education Methods for Injury Prevention and Preparedness
		HEP 251: Preventing HIV and Substance Abuse
		HEP 303: Human Sexuality for Health Education
		HEP 350: Substance Abuse and Addictive Behavior
		HEP 361: Social Media and Marketing for Health
		HEP 371: Conflict Management and Mediation and Violence Prevention
		HEP 380: Body Image and Wellness
		HEP 394: Diabetes Prevention & Management

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 280: Experiential Community Health and Research
CHS 394: CHS Peer Instructional Facilitator
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 493: Honors Thesis (L)
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Sexual Health in European Culture GIE
CHS 494: Undergraduate Research
HCR 471: Interprofessional Education and Community Health
HEP 394: Health and Climate Change
HEP 484: Internship
HEP 486: Applied Projects in Health Education and Health Promotion
MED 325: Elements of Hospice and Palliative Care
MED 375: Alzheimer's and Other Dementias (SB)

HEP 394: Health Advocacy for Special Populations
HEP 394: Health and Climate Change
HEP 410: Obesity Perspectives and Prescriptions
HEP 443: Emotional Health and Interpersonal Relationships
HEP 448: Foundations of School Health Education
MED 325: Elements of Hospice and Palliative Care
MED 375: Alzheimer's and Other Dementias (SB)
MED 475: Palliative Care: Managing Complex Serious Illness

MED 475: Palliative Care: Managing Complex Serious Illness

MED 494: Introduction To Clinical Healthcare

Notes:

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- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Education and Health Promotion, BS

School/College: College of Health Solutions
Location: ASU Local
NHHEHPBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.
HEP 102: Foundations of Health Education and Health Promotion	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	• Students who enter the major with fewer than 45 hours must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. • View ASU Online first-year student registration information here. • Create a first draft resume.
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302. • Visit the CHS Student Site for resources, appointment scheduling, internship information, etc.
EXW 302: Fundamentals of Wellness (L) OR HEP 100: Introduction to Health and Wellness (SB)	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HEHP Major Elective	3	C	• Select an HEHP major elective from the list below. • Join a student club or professional organization.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

BIO 160: Introduction to Anatomy and Physiology (SQ)	4	C
Elective	3	
Term hours subtotal:	7	

- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take BIO 201 in Term 3A instead of BIO 160, and BIO 202 in Term 3B.

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		

- Develop your skills.
- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take BIO 201 in Term 3A, instead of BIO 160, and BIO 202 in Term 3B as an elective.

Term 4 - A 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ)	4	C	
Elective	3		
Term hours subtotal:	7		

- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take CHM 113.

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	
Elective	3		
Term hours subtotal:	6		

- Secure a part-time job or volunteer experience.

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHS 340: Health Theory	3	C	
HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

- Develop your professional online presence.

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HEP 348: Methods of Health Education	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

		Minimum	

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
HEHP Major Elective	3	C	• Select an HEHP major elective from the list below.
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HEP 454: Health Promotion Program Planning and Implementation (L)	3	C	
HEP 444: Epidemiology	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
HEP 452: Health Advocacy in Health Education	3	C	
HEP 456: Health Promotion Program Evaluation	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 9B and visit the CHS student website for more information on opportunities, including research and internships, specific to your major.
HEP 466: Health Promotion Program Management and Administration	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 100 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HEP 476: Community Health	3	C	• Complete an in person or virtual practice interview.
HEP 490: CHES Exam Preparation	1	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division HEHP Major Elective	3	C	• Apply for full-time career opportunities. • Select an upper division HEHP major elective from the list below. • Choose a track in either Clinical Health Education Specialist or Community Health Education Specialist, and select a course from the appropriate track list below. • Courses used to count toward a track cannot be used as an HEHP major elective.
Upper Division Track Course	3	C	
Term hours subtotal:	6		

Term 9 - B 106 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Track Course	3	C	
Experiential Learning Course	3	C	

Upper Division Elective	2	
Term hours subtotal:	8	

- Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
- Students should select a course from the same track list they chose in Term 9A.
- Courses used to count toward a track cannot be used as an HEHP major elective.
- Students who use an HEHP major elective or track course to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Track Course	3	C	• Students should continue to follow the same track list. • Courses used to count toward a track cannot be used as an HEHP major elective.
Elective	3		
Term hours subtotal:	6		

- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Courses used to count toward a track cannot be used as an HEHP major elective.
- Students who use an HEHP major elective or track course to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Hide Course List(s)/Track Group(s)

Clinical Health Education Specialist Track	Community Health Education Specialist Track	HEHP Major Electives
HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 443: Emotional Health and Interpersonal Relationships	HEP 303: Human Sexuality for Health Education	EXW 335: Physical Activity and Physiological Concepts
HEP 394: Diabetes Prevention & Management	HEP 361: Social Media and Marketing for Health	EXW 344: Impact of Physical Activity on Health and Disease (L)
HEP 394: Health Advocacy for Special Populations	HEP 394: Health and Climate Change	EXW 400: Stress Management for Wellness
		HEP 241: Health Education Methods for Injury Prevention and Preparedness
		HEP 251: Preventing HIV and Substance Abuse
		HEP 303: Human Sexuality for Health Education
		HEP 350: Substance Abuse and Addictive Behavior
		HEP 361: Social Media and Marketing for Health
		HEP 371: Conflict Management and Mediation and Violence Prevention

HEP 380: Body Image and Wellness

HEP 394: Diabetes Prevention & Management

HEP 394: Health Advocacy for Special Populations

HEP 394: Health and Climate Change

HEP 443: Emotional Health and Interpersonal Relationships

HEP 448: Foundations of School Health Education

Experiential Learning Course

The following courses are the most relevant for your major, but other options may be possible. See your advisor.

CHS 280: Experiential Community Health and Research

CHS 484: Applied Health Experience

CHS 484: Citizen Science in Health

CHS 484: Translational Research

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Sexual Health in European Culture GIE

CHS 494: Undergraduate Research

HEP 394: Health and Climate Change

HEP 486: Applied Projects in Health Education and Health Promotion

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Sciences, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus
NHHSCBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • First-year students must complete CHS 100; students who enter the major with more than 45 hours may complete CHS 300 instead. • Build your professional connections -- join the ASU Mentor Network.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT course (MA)	3	C	
Complete 2 courses: Elective (POP 100 OR SWU 250 recommended)	6		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSC 210: Cultural Aspects of Health (C)	3	C	• Students applying to the Mayo-Clinic Echocardiography program should take PHY 101 to fulfill the Natural Science (SQ) requirement and CHS 260 for the elective in this term. • Join a student club or professional organization. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	• Students applying to the Mayo-Clinic Echocardiography program should take BIO 201 to fulfill the Natural Science (SQ or SG) requirement and COM 225 as an elective in this term. • Develop your skills.
HCD 330: Health Care Systems in the U.S.	3	C	
Natural Science - Quantitative (SQ) (BIO 160 recommended) OR Natural Science - General (SG) (BIO 201 recommended)	4		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HEP 102: Foundations of Health Education and Health Promotion	3	C	• Students applying to the Mayo-Clinic Echocardiography program should take BIO 202 as their elective in this term. • Secure a part-time job or volunteer experience.
NTR 100: Introduction to Nutrition Science	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Complete HCD 330 course(s).			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 300: Biostatistics (CS)	3	C	• Develop your professional online presence.
HCD 303: Global Health Care Systems (G)	3	C	
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSC 310: Health Communication	3	C	• Students must select at least three courses from a single focus area list below, and then select from any combination of the focus area lists to complete a total of 15 credit hours. • All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in term 7 and visit the CHS student website for more information on opportunities, including research and internships, specific to your major. • Students who plan to take MED 484 as their experiential learning course in term 7 must have a minimum cumulative 3.00 GPA at the end of term 6.
Complete 2 courses: Focus Area Course	6	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Focus Area Course	6	C	• Students must select at least three courses from a single focus area list below, and then select from any combination of the focus area lists to complete a total of 15 credit hours. • Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major. • Students who choose to enroll in MED 484 as their experiential learning course must have a minimum cumulative 3.00 GPA. • Use Handshake to research employment opportunities. • Gather professional references.
MED 450: Leadership and Professionalism	3	C	
Experiential Learning Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Course	3	C	• Students must select at least three courses from a single focus area list below, and then select from any combination of the focus area lists to complete a total of 15 credit hours. • Apply for full-time career opportunities.
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

- Focus Areas provide students an opportunity to focus their studies in a particular area of interest or expand their knowledge in various areas. Students must select at least three courses from a single focus area list, and can then select from any combination of the focus area lists to complete a total of 15 credit hours, nine of which must be upper division.
- Students interested in applying to the Mayo School of Health Sciences Echocardiography program must complete all prerequisite courses prior to matriculation to the 21 month professional program at Mayo. Students must be accepted into the program, which has limited slots for admission. For admission criteria and application process, go here. If a student is accepted for the program, completion requires the student to attend ASU to meet our remaining requirements in the summer prior to the beginning of the program. Students must work closely with their ASU academic advisor to make certain all prerequisites have been met. Upon successful completion of the Echocardiography curriculum at Mayo, the student must have the credits transferred back to ASU for acceptance as a block. At that time, the student may apply for graduation from ASU with the BS in Health Sciences.
- Students interested in taking SPA courses to fulfill focus area requirements should plan ahead to complete prerequisites or the appropriate placement exam. Contact https://cisa.asu.edu/advising for more information on placement.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Community-based Health Outcomes Focus Area	Health Legislation and Regulation Focus Area	Integrated Care Focus Area
HCD 420: Population Health Management	HCD 201: Economics for Health Majors	CHS 340: Health Theory
HEP 241: Health Education Methods for Injury Prevention and Preparedness	HCD 302: Health Care Management	HEP 251: Preventing HIV and Substance Abuse
HEP 361: Social Media and Marketing for Health	HCD 304: Health Care Finance	HEP 350: Substance Abuse and Addictive Behavior
HEP 466: Health Promotion Program Management and Administration	HCD 332: Population Health Policy and Legislation	HEP 380: Body Image and Wellness
MED 417: Impact of Violence on Health	HCD 400: Interpreting the Scientific Literature	HSC 300: Complementary Health Care
PBH 422: Health Disparities and Access to Health	HCD 402: Health Economics	HSC 355: Eating for Lifelong Health (SB)
SPA 318: Advanced Spanish for Health Care Professionals	HEP 452: Health Advocacy in Health Education	HSC 410: Supporting the Health of Older Adults
SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)	HSC 432: Legal Issues in Health Care	HSC 412: Health Issues in Later Life
	PAF 340: Contemporary Policy Challenges	HSC 440: Health Coaching Concepts and Skills

SPA 406: Introduction to Spanish/English Medical Interpretation

Language, Speech and Communication Focus Area

SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics

SHS 310: Anatomical and Physiological Bases of Speech

SHS 311: Hearing Science

SHS 367: Language Science (SB)

SHS 375: Speech Science

SHS 401: Principles of Audiology

SHS 465: Speech and Language Acquisition (SB)

SHS 496: Aural Rehabilitation

Mayo-Clinic Echocardiography Prerequisites

BIO 201: Human Anatomy and Physiology I (SG)

BIO 202: Human Anatomy and Physiology II (SG)

CHS 260: Health Professions Terminology

COM 225: Public Speaking (L)

PHY 101: Introduction to Physics (SQ)

MED 445: Prevention and Management of Chronic Disease

Experiential Learning Course

The following courses are the most relevant for your major, but other options may be possible. See your advisor.

CHS 280: Experiential Community Health and Research

CHS 394: CHS Peer Instructional Facilitator

CHS 484: Applied Health Experience

CHS 484: Citizen Science in Health

CHS 484: Translational Research

CHS 493: Honors Thesis (L)

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Undergraduate Research

HCR 471: Interprofessional Education and Community Health

HSC 484: Internship

MED 325: Elements of Hospice and Palliative Care

MED 375: Alzheimer's and Other Dementias (SB)

MED 475: Palliative Care: Managing Complex Serious Illness

MED 484: Internship

MED 494: Introduction To Clinical Healthcare

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Sciences, BS

School/College: College of Health Solutions
Location: ASU Local
NHHSCBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Build your professional connections -- join the ASU Mentor Network.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
HSC 210: Cultural Aspects of Health (C)	3	C	• View ASU Online first-year student registration information here.
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Visit the CHS Student Site for resources, appointment scheduling, internship information, etc.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	• Join a student club or professional organization. • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300 instead.
NTR 100: Introduction to Nutrition Science	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
HEP 102: Foundations of Health Education and Health Promotion	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

		Minimum	

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Grade	Notes
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
HCD 330: Health Care Systems in the U.S.	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) (BIO 160 recommended) OR Natural Science - General (SG) (BIO 201 recommended)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Secure a part-time job or volunteer experience.
Elective	3		
Complete HCD 330 course(s).			
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 300: Biostatistics (CS)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
HCD 303: Global Health Care Systems (G)	3	C	• Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
MED 300: Historical and Contemporary Issues in Health (L)	3	C	• Use Handshake to research employment opportunities.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSC 310: Health Communication	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Focus Area Course	3	C	• Students must select at least three courses from a single focus area list below, and then select from an any combination of the focus area lists to complete a total of 15 credit hours.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Focus Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Course	3	C	• Students must select at least three courses from a single focus area list below, and then select from an any combination of the focus area lists to complete a total of 15 credit hours. • All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 10A and visit the CHS student website for more information on opportunities, including research and internships, specific to your major.
MED 450: Leadership and Professionalism	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Experiential Learning Course	3	C	• Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	• Students must select at least three courses from a single focus area list below, and then select from an any combination of the focus area lists to complete a total of 15 credit hours.
Term hours subtotal:	3		

- Focus Areas provide students an opportunity to focus their studies in a particular area of interest or expand their knowledge in various areas. Students must select at least three courses from a single focus area list, and can then select from any combination of the focus area lists to complete a total of 15 credit hours, nine of which must be upper division.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Community-based Health Outcomes Focus Area
HCD 420: Population Health Management
HEP 241: Health Education Methods for Injury Prevention and Preparedness
HEP 361: Social Media and Marketing for Health
HEP 466: Health Promotion Program Management and Administration
MED 417: Impact of Violence on Health
PBH 422: Health Disparities and Access to Health

Health Legislation and Regulation Focus Area
HCD 201: Economics for Health Majors
HCD 302: Health Care Management
HCD 304: Health Care Finance
HCD 332: Population Health Policy and Legislation
HCD 400: Interpreting the Scientific Literature
HCD 402: Health Economics
HEP 452: Health Advocacy in Health Education
HSC 432: Legal Issues in Health Care
PAF 340: Contemporary Policy Challenges

Integrated Care Focus Area
CHS 340: Health Theory
HEP 251: Preventing HIV and Substance Abuse
HEP 350: Substance Abuse and Addictive Behavior
HEP 380: Body Image and Wellness
HSC 300: Complementary Health Care
HSC 355: Eating for Lifelong Health (SB)
HSC 410: Supporting the Health of Older Adults
HSC 412: Health Issues in Later Life
HSC 440: Health Coaching Concepts and Skills
MED 445: Prevention and Management of Chronic Disease

Language, Speech and Communication Focus Area
SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics
SHS 310: Anatomical and Physiological Bases of Speech
SHS 311: Hearing Science
SHS 367: Language Science (SB)
SHS 375: Speech Science
SHS 401: Principles of Audiology
SHS 465: Speech and Language Acquisition (SB)
SHS 496: Aural Rehabilitation

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 280: Experiential Community Health and Research
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
HSC 484: Internship

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Sciences (Healthy Lifestyles and Fitness Science), BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus
NUHSCHLCBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Build your professional connections -- join the ASU Mentor Network.
CHS 101: The ASU Experience for Health Solutions Students	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT course (MA)	3	C	
Elective	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Join a student club or professional organization such as the Healthy Lifestyles Organization at ASU. • First-year students must take CHS 100 rather than CHS 300. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
EXW 101: Foundations of Health and Fitness Science	3	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	• Develop your skills.
HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
NTR 241: Human Nutrition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.			
	Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	• Explore a certificate such as Health and Wellness Coach, Health Education Specialist or Personal Fitness Training. • Secure a part-time job or volunteer experience.
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EXW 335: Physical Activity and Physiological Concepts	3	C	• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, nine of which must be upper division. • Students who complete this program may be eligible to sit for national certification exams. Contact your advisor for more information. • Develop your professional online presence.
HSC 300: Complementary Health Care	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Focus Area Elective	3	C	
Global Awareness (G)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHS 340: Health Theory	3	C	• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, nine of which must be upper division. • Explore health related graduate programs such as Addiction and Substance-Use Related Disorders, Evolutionary Medicine, Integrated Health Care, Nutritional Science or Science of Health Care Delivery.
EXW 344: Impact of Physical Activity on Health and Disease (L)	3	C	
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	
HSC 355: Eating for Lifelong Health (SB)	3	C	
Upper Division Focus Area Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSC 440: Health Coaching Concepts and Skills	3	C	• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, nine of which must be upper division. • All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 8, and visit the CHS student website for more information on opportunities, including research and internships, specific to your major. • Gather professional references. • Use Handshake to research employment opportunities.
EXW 400: Stress Management for Wellness	3	C	
EXW 425: Exercise Prescription for Health and Wellness	3	C	
HEP 350: Substance Abuse and Addictive Behavior	3	C	
Upper Division Focus Area Elective	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	HEP 452: Health Advocacy in Health Education OR NTR 360: Nutrition Entrepreneurship OR SSP 320: Coaching Leadership, Performance Team and Facility Management	3	C
	Upper Division Focus Area Elective	3	C
	Experiential Learning Course	3	C
	Complete 2 courses: Elective	6	
	Term hours subtotal:	15	

- Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
- Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, nine of which must be upper division.
- Students who use NTR 360 or a focus area elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.
- Apply for career opportunities.

-
  - Students may select courses from any combination of the focus area lists to expand their knowledge in different areas. The lists are separated into several categories that span the field of healthy lifestyles and health sciences. A total of 12 credit hours of focus area courses must be completed, nine of which must be upper division.
  - CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Health Care Compliance and Regulations Focus Area
ASB 462: Medical Anthropology: Culture and Health (SB & C)
HCD 303: Global Health Care Systems (G)
HCD 330: Health Care Systems in the U.S.
HCD 332: Population Health Policy and Legislation
HCD 404: Advanced Concepts in the Science of Health Care Delivery
HCR 259: Compliance and the Health Care Industry
HCR 263: Introduction to Medical Billing and Compliance
HCR 360: Data Security and Privacy in Health Care Compliance
HSC 432: Legal Issues in Health Care
PBH 422: Health Disparities and Access to Health

Health Education and Promotion Focus Area
EXW 325: Fitness for Life
HCR 471: Interprofessional Education and Community Health
HEP 303: Human Sexuality for Health Education
HEP 371: Conflict Management and Mediation and Violence Prevention
HEP 380: Body Image and Wellness
HEP 452: Health Advocacy in Health Education
HEP 454: Health Promotion Program Planning and Implementation (L)
HEP 456: Health Promotion Program Evaluation
HEP 466: Health Promotion Program Management and Administration
HEP 476: Community Health
HSC 210: Cultural Aspects of Health (C)
HSC 412: Health Issues in Later Life

Health Leadership and Management Focus Area
EXW 446: Worksite Wellness
HCD 201: Economics for Health Majors
HCD 302: Health Care Management
HCD 420: Population Health Management
HCR 435: Leaders in Community Health
HCR 473: Interprofessional Education and Comprehensive Systems Health
HEP 361: Social Media and Marketing for Health
HSC 310: Health Communication
MED 394: Healthcare and Humanities
MED 450: Leadership and Professionalism
PAF 311: Leadership and Change (SB)
SOS 385: Business and Sustainability I

SOC 427: Sociology of Health and Illness (SB)

Health Psychology Focus Area
HEP 443: Emotional Health and Interpersonal Relationships
PBH 410: Public Mental Health
PSY 290: Research Methods (L or SG)
PSY 304: Effective Thinking (L)
PSY 315: Personality Theory and Research (SB)
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)
PSY 366: Abnormal Psychology (SB)
PSY 462: Health Psychology

Healthy Nutrition Focus Area
MCO 494: Food and Media
NTR 142: Applied Food Principles
NTR 345: Development of Healthy Cuisines
NTR 348: Cultural Aspects of Food (SB & C & G)
NTR 351: Nutrition Communication (L)
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability
NTR 448: Community Nutrition (L)
NTR 453: Nutrition and the Media

Integrative Health Focus Area
HCR 240: Human Pathophysiology
HCR 241: Foundations of Integrative Health
HCR 245: Sleep, Sleep Disorders and Behavior (SB)
HCR 341: Biological, Manipulative, and Body-Based Therapies
HCR 342: Mind-Body and Energy Therapies and Modalities
HCR 472: Interprofessional Education and Complex Health
HSC 410: Supporting the Health of Older Adults
MED 300: Historical and Contemporary Issues in Health (L)
MED 445: Prevention and Management of Chronic Disease
MED 475: Palliative Care: Managing Complex Serious Illness

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 280: Experiential Community Health and Research
CHS 394: CHS Peer Instructional Facilitator
CHS 400: Adaptive Exercise Program Practical Experience
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 493: Honors Thesis (L)
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
HCR 471: Interprofessional Education and Community Health
HSC 441: Applied Health Coaching Techniques
HSC 484: Internship

MED 325: Elements of Hospice and Palliative Care

MED 375: Alzheimer's and Other Dementias (SB)

MED 475: Palliative Care: Managing Complex Serious Illness

NTR 360: Nutrition Entrepreneurship

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Sciences (Healthy Lifestyles and Fitness Science), BS

School/College: College of Health Solutions
Location: ASU Local
NUHSCHLCBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 11 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• Build your professional connections -- join the ASU Mentor Network. • View ASU Online first-year student registration information here.
Term hours subtotal:	4		

Term 2 - A 11 - 18 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Join a student club or professional organization such as the Healthy Lifestyles Organization at ASU. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 18 - 24 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EXW 101: Foundations of Health and Fitness Science	3	C	• Students who enter with fewer than 45 hours must complete CHS 100; only students who enter ASU with more than 45 hours may take CHS 300.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 24 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	
NTR 241: Human Nutrition	3	C	
Term hours subtotal:	6		

Term 3 - B 30 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	• Develop your skills.
Elective	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		

Term 4 - A 36 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	• Explore a certificate such as Health and Wellness Coach, Health Education Specialist or Personal Fitness Training.
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Term 4 - B 42 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	• Secure a part-time job or volunteer experience.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 48 - 54 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EXW 335: Physical Activity and Physiological Concepts	3	C	• Students who complete this program may be eligible to sit for national certification exams. Contact your advisor for more information.
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - B 54 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HSC 300: Complementary Health Care	3	C	• Develop your professional online presence.
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Term hours subtotal:	6		

Term 6 - A 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHS 340: Health Theory	3	C	• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, nine of which must be upper division.
Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 66 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EXW 344: Impact of Physical Activity on Health and Disease (L)	3	C	

EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSC 355: Eating for Lifelong Health (SB)	3	C	• Explore health related graduate programs such as Addiction and Substance-Use Related Disorders, Evolutionary Medicine, Integrated Health Care, Nutritional Science or Science of Health Care Delivery.
HEP 350: Substance Abuse and Addictive Behavior	3	C	
Term hours subtotal:	6		

Term 7 - B 78 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSC 440: Health Coaching Concepts and Skills	3	C	• Use Handshake to research employment opportunities.
EXW 400: Stress Management for Wellness	3	C	
Elective	3		
Term hours subtotal:	9		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Elective	3	C	• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, nine of which must be upper division.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Elective	3	C	• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 9-B and visit the CHS student website for more information on opportunities, including research and internships, specific to your major. • Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EXW 425: Exercise Prescription for Health and Wellness	3	C	• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, nine of which must be upper division.
Upper Division Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Experiential Learning Course	3	C	• Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
Elective	3		
Term hours subtotal:	6		

- Students who use NTR 360 or a focus area elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HEP 452: Health Advocacy in Health Education OR NTR 360: Nutrition Entrepreneurship	3	C	• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

- Students may select courses from any combination of the focus area lists to expand their knowledge in different areas. The lists are separated into several categories that span the field of healthy lifestyles and health sciences. A total of 12 credit hours of focus area courses must be completed, nine of which must be upper division.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Students who use NTR 360 or a focus area elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Hide Course List(s)/Track Group(s)

Health Care Compliance and Regulations Focus Area	Health Education and Promotion Focus Area	Health Leadership and Management Focus Area
ASB 462: Medical Anthropology: Culture and Health (SB & C)	EXW 325: Fitness for Life	HCD 201: Economics for Health Majors
HCD 303: Global Health Care Systems (G)	HEP 303: Human Sexuality for Health Education	HCD 302: Health Care Management
HCD 330: Health Care Systems in the U.S.	HEP 371: Conflict Management and Mediation and Violence Prevention	HCD 420: Population Health Management
HCD 332: Population Health Policy and Legislation	HEP 380: Body Image and Wellness	HCR 435: Leaders in Community Health
HCD 404: Advanced Concepts in the Science of Health Care Delivery	HEP 452: Health Advocacy in Health Education	HEP 361: Social Media and Marketing for Health
HCR 259: Compliance and the Health Care Industry	HEP 454: Health Promotion Program Planning and Implementation (L)	HSC 310: Health Communication
HCR 263: Introduction to Medical Billing and Compliance	HEP 456: Health Promotion Program Evaluation	MED 450: Leadership and Professionalism
HCR 360: Data Security and Privacy in Health Care Compliance	HEP 466: Health Promotion Program Management and Administration	PAF 311: Leadership and Change (SB)
HSC 432: Legal Issues in Health Care	HEP 476: Community Health	SOS 385: Business and Sustainability I
	HSC 210: Cultural Aspects of Health (C)	

PBH 422: Health Disparities and Access to Health	HSC 412: Health Issues in Later Life	
SOC 427: Sociology of Health and Illness (SB)		
Health Psychology Focus Area	**Healthy Nutrition Focus Area**	**Integrative Health Focus Area**
HEP 443: Emotional Health and Interpersonal Relationships	NTR 142: Applied Food Principles	HCR 240: Human Pathophysiology
PBH 410: Public Mental Health	NTR 345: Development of Healthy Cuisines	HCR 241: Foundations of Integrative Health
PSY 290: Research Methods (L or SG)	NTR 348: Cultural Aspects of Food (SB & C & G)	HCR 341: Biological, Manipulative, and Body-Based Therapies
PSY 304: Effective Thinking (L)	NTR 351: Nutrition Communication (L)	HCR 342: Mind-Body and Energy Therapies and Modalities
PSY 315: Personality Theory and Research (SB)	NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability	HSC 410: Supporting the Health of Older Adults
PSY 341: Developmental Psychology (SB)	NTR 448: Community Nutrition (L)	MED 300: Historical and Contemporary Issues in Health (L)
PSY 350: Social Psychology (SB)	NTR 453: Nutrition and the Media	MED 445: Prevention and Management of Chronic Disease
PSY 366: Abnormal Psychology (SB)		
PSY 462: Health Psychology		
Experiential Learning Course		
The following courses are the most relevant for your major, but other options may be possible. See your advisor.		
CHS 280: Experiential Community Health and Research		
CHS 484: Applied Health Experience		
CHS 484: Citizen Science in Health		
CHS 484: Translational Research		
CHS 494: Advanced Undergraduate Teaching Assistant		
CHS 494: Undergraduate Research		
HSC 441: Applied Health Coaching Techniques		
HSC 484: Internship		
NTR 360: Nutrition Entrepreneurship		

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Public Health, BIPH

School/College: College of Health Solutions
Location: ASU Local
NHIPHBIPH

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. CHS 101 fulfills this requirement for College of Health Solutions students. • Build your professional connections -- join the ASU Mentor Network.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
BIO 100: The Living World (SQ)	4	C	
Term hours subtotal:	8		

Term 1 - B 8 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
MAT 117: College Algebra (MA)	3	C	
Term hours subtotal:	6		

Term 2 - A 14 - 21 Credit Hours	Hours	Minimum Grade	Notes
ASB 100: Introduction to Global Health (SB & G)	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Join a student club or professional organization.
BIO 160: Introduction to Anatomy and Physiology (SQ)	4	C	
Term hours subtotal:	7		

Term 2 - B 21 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSC 210: Cultural Aspects of Health (C)	3	C	• Develop your skills. • CHS 201 is offered by University of New South Wales.
CHS 201: International Indigenous Health	3	C	
POP 100: Introduction to Population Health	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		

Term 3 - A 30 - 36 Credit Hours	Hours	Minimum Grade	Notes
CHS 301: Epidemiology for International Public Health	3	C	• CHS 301 is offered by University of New South Wales.
HCD 300: Biostatistics (CS)	3	C	

Term hours subtotal:	6

Term 3 - B 36 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 303: Health Promotion	3	C	• CHS 303 and CHS 304 are offered by University of New South Wales.
CHS 304: Communicable Disease	3	C	
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		

Summer 3 42 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 306: Public Health Policy & Programs	3	C	• CHS 306 is offered by University of New South Wales.
Elective	3		
Term hours subtotal:	6		

Term 4 - A 48 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 305: Principles of Prevention & Public Health Surveillance	3	C	• CHS 305 and CHS 309 are offered by University of New South Wales.
CHS 309: Evaluating Chronic Disease Programs OR MED 445: Prevention and Management of Chronic Disease	3	C	
Term hours subtotal:	6		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	6		

Term 5 - A 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
CHS 401: Ethics in Public Health	3	C	• CHS 401 is offered by University of New South Wales.
PBH 410: Public Mental Health	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 201: Economics for Health Majors	3	C	• Develop your professional online presence.
PBH 435: Environmental and Occupational Health	3	C	
Term hours subtotal:	6		

Summer 5 72 - 81 Credit Hours	Hours	Minimum Grade	Notes
CHS 307: Health Leadership OR MED 450: Leadership and Professionalism	3	C	• CHS 307 is offered by University of New South Wales.
CHS 308: Comparative Health Systems	3	C	
HCD 332: Population Health Policy and Legislation	3	C	
Term hours subtotal:	9		

Term 6 - A 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
ASB 301: Global History of Health (SB & G & H)	3	C	• Secure a part-time job or volunteer experience.
HCD 400: Interpreting the Scientific Literature	3	C	

Term hours subtotal:	6

Term 6 - B 87 - 96 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 96 - 102 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PBH 482: Capstone I	1	C	
Complete 2 courses: Elective	5		
Term hours subtotal:	6		

Term 7 - B 102 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PBH 483: Capstone II	3	C	• PBH 483 fulfills the college's experiential learning requirement. • Use Handshake to research employment opportunities.
HCD 302: Health Care Management	3	C	
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

- Courses are offered by both Arizona State University and the University of New South Wales (UNSW) in Sydney, Australia. Students should work closely with their academic advisor regarding class selection and enrollment -- particularly those offered through UNSW.

Hide Course List(s)/Track Group(s)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Kinesiology, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, ASU at Lake Havasu
NUKINBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • If students did not test into MAT 170, they should take MAT 117 as an elective in Term 1. • First-year students must complete CHS 100; students who enter the major with more than 45 hours may complete CHS 300 instead. • Join a student club or professional organization.
KIN 101: Introduction to Kinesiology	3	B-	
BIO 181: General Biology I (SQ)	4	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Visit the CHS Student Site for resources, appointment scheduling, internship information, etc.
MAT 170: Precalculus (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
BIO 182: General Biology II (SG)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 31 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Secure a part-time job or volunteer experiences.
CHM 116: General Chemistry II (SQ)	4	C	
PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete First-Year Composition requirement.			

Minimum 3.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 45 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Explore an internship. • Review scholarship renewal criteria to ensure adequate enrollment.
KIN 290: Introduction to Evidence-Based Practice (L)	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
KIN 345: Motor Behavior	3	C	• Develop your professional online presence. • Thinking about graduate school? Consider registering for a grad school test prep course. • All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 6 and visit the CHS student website for more information on opportunities, including research and internships, specific to your major.
KIN 352: Psychosocial Aspects of Physical Activity (SB & C)	3	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
KIN 335: Biomechanics	3	C	• Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major. • Select Upper Division KIN Major Elective from the list below. • Students who use an Upper Division KIN Major Elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective. • Gather professional references.
KIN 340: Physiology of Exercise	3	C	
Upper Division KIN Major Elective	3	C	
Experiential Learning Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
KIN 334: Functional Anatomy and Kinesiology	3	C	• Select an upper division KIN course with the (L) Literacy & Critical Inquiry designation, as well as two Upper Division KIN Major Electives from the list below.
PSY 366: Abnormal Psychology (SB)	3	C	
Complete 2 courses: Upper Division KIN Major Elective	6	C	
KIN course (L) Upper Division	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ *Complete 3 courses:* Upper Division KIN Major Elective	9	C	• Select Upper Division KIN Major Electives from the list below.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- Students can apply the CHS 394 CHS Peer Instructional Facilitator and CHS 494 Advanced Undergraduate Teaching Assistant courses toward the KIN Major Elective requirement once each for a maximum of six credits total. Additional completions beyond six credits will apply as upper division electives.
- Students can apply internship, honors study/thesis, and individualized instruction courses toward the KIN Major Elective requirement for a maximum of six credits total. Additional completions beyond six credits will apply as upper division electives.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Students who use an upper division KIN Major Elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Hide Course List(s)/Track Group(s)

Upper Division KIN Major Electives
CHS 394: CHS Peer Instructional Facilitator
CHS 400: Adaptive Exercise Program Practical Experience
CHS 492: Honors Directed Study
CHS 493: Honors Thesis (L)
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
CHS 499: Individualized Instruction
EXW 426: Exercise for Neuromuscular Conditions (L)
HCR 471: Interprofessional Education and Community Health
HCR 472: Interprofessional Education and Complex Health
HCR 473: Interprofessional Education and Comprehensive Systems Health
KIN 348: Psychological Skills for Optimal Performance (SB)
KIN 412: Biomechanics of the Skeletal System

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 280: Experiential Community Health and Research
CHS 394: CHS Peer Instructional Facilitator
CHS 400: Adaptive Exercise Program Practical Experience
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 493: Honors Thesis (L)
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
HCR 471: Interprofessional Education and Community Health
KIN 484: Internship
MED 494: Introduction To Clinical Healthcare

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 415: Theory of Corrective Exercise

KIN 418: Experimental Neuromechanics (L)

KIN 422: Motor Control in Special Populations (L)

KIN 424: Neural Aspects of Movement and Rehabilitation

KIN 440: Exercise Biochemistry

KIN 441: Physiology of Women in Sport (L)

KIN 442: Fuel Metabolism

KIN 443: Exercise Endocrinology (L)

KIN 444: Metabolic Adaptations to Exercise Training

KIN 447: ECG Interpretation

KIN 450: Biopsychosocial Perspectives on Physical Activity and Health

KIN 452: Exercise Psychology (SB)

KIN 454: Motivational Theory in Exercise and Health

KIN 460: Theory of Strength Training (L)

KIN 465: Muscle Physiology

KIN 466: Cardiovascular Exercise Physiology

KIN 484: Internship

KIN 494: Functional Anatomy of Low Back Pain

PRM 364: Foundations of Recreation Therapy (SB)

PRM 384: Recreational Therapy Practicum

SSP 316: Exercise and Sport Physiology Laboratory

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Medical Studies, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus
NHMEDBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Explore pre-health resources. • Visit the CHS Student Site for resources, appointment scheduling, internship information, etc.
CHM 113: General Chemistry I (SQ)	4	C	
CHS 101: The ASU Experience for Health Solutions Students	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300. • Meet with a pre-health advisor to discuss coursework and extracurricular activities. • Join a student club or professional organization. • Research career pathways and decide on a professional track prior to registering for the next term.
CHM 116: General Chemistry II (SQ)	4	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSC 210: Cultural Aspects of Health (C)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	• The course chosen from the list in this term (CDE 232, COM 100, ECN 211, SOC 101) should be selected from the Professional Track list in the Degree Audit (DARS). If the track list in DARS does not specify one of the courses, SOC 101 is recommended. • Research professional schools and their admission requirements, including required courses.
CDE 232: Human Development (SB) OR COM 100: Introduction to Human Communication (SB) OR ECN 211: Macroeconomic Principles (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Professional Track Course	4	C	
Complete Mathematics (MA) requirement.			
Minimum 3.00 GPA ASU Cumulative.			

Term hours subtotal:	14	

- Start volunteering for health organizations and shadowing health professionals to learn more about opportunities in the field.
- Develop your skills.

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	• Review scholarship renewal criteria to ensure adequate enrollment. • Begin thinking about preparation for professional school entrance exams. • Learn about the Pre-Health Internship Program. • Continue volunteering and shadowing in health organizations.
Professional Track Course	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Study for the professional school entrance exam and register to take it in the spring or summer of your junior year. • Update your resume. • Visit the CHS student website to explore experiential learning opportunities, including research and internships, specific to your major. • Students must have a minimum ASU cumulative GPA of 3.00 or higher to apply for the MED 484 internship.
HCD 300: Biostatistics (CS)	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Upper Division Medical Studies Breadth Elective	3	C	
Elective	1		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Any of the courses from the list in this term (CHS 484, CHS 493, CHS 494, HSC 484, MED 484, or MED 494) will fulfill the college's experiential learning requirement. Visit the CHS student website to learn more. • Take the professional school entrance exam. • Meet with a pre-health advisor to review your professional school application. • Apply early!
Professional Track Course	3	C	
CHS 484: Translational Research OR CHS 493: Honors Thesis (L) OR CHS 494: Undergraduate Research OR HSC 484: Internship OR MED 484: Internship OR MED 494: Introduction To Clinical Healthcare	3	C	
HSC 310: Health Communication	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCD 303: Global Health Care Systems (G)	3	C	• If your track requires more than three courses, additional track courses should be completed in place of the elective. • Complete an in person or virtual practice interview. • Continue gaining hands on experience.
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
Complete 2 courses: Upper Division Medical Studies Breadth Elective	6	C	
Elective	3		

★ Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 330: Health Care Systems in the U.S.	3	C	
MED 450: Leadership and Professionalism	3	C	
Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	6		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

- A course in biochemistry with lab is strongly recommended for competitive application to most professional schools.
- Students in the MD track who plan to apply to the University of Arizona Medical School in Tucson must complete upper-division coursework in Cell Biology, Histology, Microbiology, Pathology, or Immunobiology as well as an upper-division course in Molecular Biology. This means that at least one of the upper-division electives should come from the Medical Studies Breadth Electives list.

Hide Course List(s)/Track Group(s)

Dentistry Professional Track
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)
MIC 205: Microbiology (SG)

Integrative Health (ND/NMD/DC) Professional Track
BIO 340: General Genetics or LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory
HSC 300: Complementary Health Care
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)
PSY 341: Developmental Psychology (SB)

Medicine (MD/DO) Professional Track
BIO 340: General Genetics or LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)

Occupational Therapy Professional Track
CHS 260: Health Professions Terminology
PSY 341: Developmental Psychology (SB)
PSY 366: Abnormal Psychology (SB)
SOC 400: Perspectives on Aging (SB) or SOC 410: Race, Medicine, and the Body (L) or SOC 418: Aging and the Life Course (SB & H) or SOC 424: Women and Health (SB) or SOC 426: Social Inequalities (SB) or SOC 427: Sociology of Health and Illness (SB)

Optometry Professional Track
MAT 251: Calculus for Life Sciences (MA)
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)

Pharmacy Professional Track
COM 225: Public Speaking (L)
MAT 251: Calculus for Life Sciences (MA)
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)

Physician Assistant (PA) Professional Track

Medical Studies Breadth Electives

BIO 340: General Genetics or LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory

CHS 260: Health Professions Terminology

MIC 205: Microbiology (SG)

MIC 206: Microbiology Laboratory (SG)

BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory

BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory

BIO 353: Cell Biology

BIO 355: Introduction to Computational Molecular Biology (CS)

BIO 360: Animal Physiology

BIO 420: Immunology: Molecular and Cellular Foundations

BIO 475: Advanced Human Anatomy

CHS 340: Health Theory

HCD 302: Health Care Management

HCD 304: Health Care Finance

HCD 332: Population Health Policy and Legislation

HCD 420: Population Health Management

HSC 410: Supporting the Health of Older Adults

HSC 412: Health Issues in Later Life

LSC 4** Elective

MED 325: Elements of Hospice and Palliative Care

MED 375: Alzheimer's and Other Dementias (SB)

MED 394: Healthcare and Humanities

MED 417: Impact of Violence on Health

MED 445: Prevention and Management of Chronic Disease

MED 475: Palliative Care: Managing Complex Serious Illness

MED 484: Internship

PBH 410: Public Mental Health

PBH 422: Health Disparities and Access to Health

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.
- Due to the high volume of overlap in curriculum, students enrolled in this degree are not permitted to declare a concurrent degree combination with the Biological Sciences BS, including the following concentrations: Biomedical Sciences; Genetics, Cell and Developmental Biology; and Neurobiology, Physiology and Behavior. Students should speak with their academic advisor for any further questions.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Nutritional Science, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHNUSCIBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300. • Students interested in graduate school are recommended to take MAT 170 and CHM 113. • Students who take CHM 113 will also need to take CHM 116 as an elective to progress in the major.
CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NTR 241: Human Nutrition	3	C	• Visit the CHS Student Site for resources, appointment scheduling, internship information, etc. • Join a student club or professional organization. • Build your professional connections -- join the ASU Mentor Network.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Elective	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Develop your skills.
NTR 142: Applied Food Principles	3	C	
HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		

Elective	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Secure a part-time job or volunteer experience. • Use Handshake to research employment opportunities.
CHS 260: Health Professions Terminology	3	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Elective	3		
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	• Develop your professional online presence.
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 361: Advanced Principles of Biochemistry	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course. • Students must select one of the two tracks listed below to complete the degree. • Students following the Integrative Nutrition track should take HSC 300 in this term. • Students following the Nutrition Research track should take NTR 390 in this term.
NTR 341: Medical Nutrition Therapy I	3	C	
Upper Division Track Focus Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 440: Advanced Human Nutrition I	3	C	• Students following the Integrative Nutrition track should take NTR 350 and NTR 480 in this term. • Students following the Nutrition Research track should take CHS 494: Capstone and NTR 490 in this term.
Complete 2 courses: Upper Division Track Focus Area Course	6	C	
NTR 450: Nutrition in the Life Cycle (SB)	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NTR 441: Advanced Human Nutrition II	3	C	• All students should take CHS 494: Capstone as their track course in this term. • CHS 494: Capstone fulfills the college's experiential learning requirement.
Upper Division Track Focus Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	5		

Term hours subtotal: 14

- Students must select and follow one of the two tracks to complete the degree.
- The Nutrition Research track requires students to complete six credits of CHS 494 Capstone.

Hide Course List(s)/Track Group(s)

Integrative Nutrition	Nutrition Research
CHS 494: Capstone	CHS 494: Capstone
HSC 300: Complementary Health Care	CHS 494: Capstone
NTR 350: Nutrition Counseling	NTR 390: Current Nutrition Research
NTR 480: Integrative and Functional Nutrition	NTR 490: Undergraduate Research Methods in Nutrition

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Population Health, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, West campus
NHPOPHLBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Students interested in pursuing graduate school should take a higher level math in Term 1 (or later as an elective for those placing into MAT 117 in Term 1). • Join a student club or professional organization.
CHS 101: The ASU Experience for Health Solutions Students	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
SOC 101: Introductory Sociology (SB)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• First-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
POP 100: Introduction to Population Health	3	C	
Elective (SOS 110 OR SOS 111 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 280: Experiential Community Health and Research	3		• Students can complete any topic offered under CHS 280. • Secure a part-time job or volunteer opportunities to gain experience. • Become a student member of a professional organization.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective (NTR 100 recommended)	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

HCD 201: Economics for Health Majors OR ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Explore an internship. • MED 394 Topic: Healthcare and Humanities is recommended for the elective.
BMI 102: Introduction to Population Health Informatics	3	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective (ENG 203 OR HEP 102 OR MED 394 recommended)	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CHS 340: Health Theory	3	C	• Gather professional references.
HCD 300: Biostatistics (CS)	3	C	
HSC 310: Health Communication	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
POP 333: Systems Thinking in Population Health	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	• Develop your professional online presence. • Review the list below and visit the CHS student website to explore experiential learning opportunities to take in Terms 7 and 8 that are specific to your major.
HCD 332: Population Health Policy and Legislation	3	C	
HEP 444: Epidemiology	3	C	
HCD 402: Health Economics	3	C	
PBH 422: Health Disparities and Access to Health	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 3 courses: Track Focus Area Course	9	C	• Students must select and follow a single track below to complete a total of 18 credit hours, at least six of which must be upper division. • Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
MED 445: Prevention and Management of Chronic Disease	3	C	
Upper Division Experiential Learning Course	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division Experiential Learning Course	3	C	• Students must select and follow a single track below to complete a total of 18 credit hours, at least six of which must be upper division. • Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
Complete 2 courses: Upper Division Track Focus Area Course	6	C	
Track Focus Area Course	3	C	
Elective (ASB 100 recommended)	3		
Term hours subtotal:	15		

- Population Health students must select and follow a single track to complete a total of 18 credit hours, at least six of which must be upper division. The selected track will allow students to move confidently into a career or into a population health graduate program.
- The population health program is designed to prepare students for future career and educational opportunities through hands on experiential learning. Students are required to complete nine credits of experiential learning coursework for the program, six of which must be upper division. Three credits of experiential learning are achieved through CHS 280, which offers several topics that students can choose from including Introduction to Citizen Science and Health, Translational Team, and Health Applications and Experience. Students select the remaining six credits of upper division experiential learning from a list of major specific course options below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Environmental Systems Track
HEP 394: Health and Climate Change
HST 345: Environmental History (L)
PAF 340: Contemporary Policy Challenges
PBH 435: Environmental and Occupational Health
PHI 310: Environmental Ethics (HU)
PUP 301: Introduction to Urban Planning (L)
SGS 330: Globalization and the Environment: Problems and Solutions
SOS 494: Social-ecological Systems & Adaptation

Food Systems Track
AGB 414: Food and Agribusiness Policy Issues (L)
ASB 300: Food and Culture ((L or SB) & C)
HCR 494: Food Safety and Protection
MCO 494: Food and Media
NTR 348: Cultural Aspects of Food (SB & C & G)
PAF 340: Contemporary Policy Challenges
SOS 110: Sustainable World (SB) or SOS 111: Sustainable Cities ((HU or SB) & G)
SOS 327: Sustainable Food and Farms

Health Care Compliance and Regulations Track
HCR 260: Health Care Industry and Regulation
HCR 261: Health Care Compliance
HCR 263: Introduction to Medical Billing and Compliance
HCR 360: Data Security and Privacy in Health Care Compliance
HCR 362: Monitoring and Auditing for Health Care Compliance
HCR 460: Investigations and Disclosures in Health Care Compliance
HSC 432: Legal Issues in Health Care

Health Education Specialist Track
HEP 241: Health Education Methods for Injury Prevention and Preparedness or HEP 251: Preventing HIV and Substance Abuse or HEP 303: Human Sexuality for Health Education or HEP 350: Substance Abuse and Addictive Behavior or HEP 361: Social Media and Marketing for Health or HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 380: Body Image and Wellness or HEP 443: Emotional Health and Interpersonal Relationships or HEP 476: Community Health
HEP 348: Methods of Health Education
HEP 452: Health Advocacy in Health Education
HEP 454: Health Promotion Program Planning and Implementation (L)
HEP 456: Health Promotion Program Evaluation

Health Informatics Track
ASM 201: Epidemics and Outbreaks
BMI 311: Modeling Biomedical Knowledge
BMI 312: Modeling Biomedical Data
BMI 410: Database Management in Health Care
GIS 205: Geographic Information Science I (CS)
GIS 211: Geographic Information Science II (CS)

Health Systems Design and Improvement Track
HCD 304: Health Care Finance
HCD 330: Health Care Systems in the U.S.
HCD 403: Process Engineering
HCD 420: Population Health Management
HEP 454: Health Promotion Program Planning and Implementation (L)
HSC 432: Legal Issues in Health Care
SOC 427: Sociology of Health and Illness (SB)

HEP 466: Health Promotion Program Management and Administration

Mental Health Systems Track
EXW 400: Stress Management for Wellness
HCD 420: Population Health Management
HEP 350: Substance Abuse and Addictive Behavior
HEP 443: Emotional Health and Interpersonal Relationships
MED 417: Impact of Violence on Health
PAF 340: Contemporary Policy Challenges
PBH 410: Public Mental Health

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 394: CHS Peer Instructional Facilitator
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 493: Honors Thesis (L)
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
HCR 471: Interprofessional Education and Community Health
MED 325: Elements of Hospice and Palliative Care
MED 375: Alzheimer's and Other Dementias (SB)
MED 475: Palliative Care: Managing Complex Serious Illness
POP 444: Population Health Field Experience

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Health, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHPBHBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • Students interested in pursuing a masters in public health program are encouraged to take MAT 117.
CHS 101: The ASU Experience for Health Solutions Students	1		
POP 100: Introduction to Population Health	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• First-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc. • Join a student club or professional organization.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ)	4	C	• Start volunteering for health organizations and shadowing health professionals to learn more about opportunities in the field. • Create a first draft resume. • Develop your skills.
HEP 102: Foundations of Health Education and Health Promotion	3	C	
HCD 201: Economics for Health Majors	3		
Cultural Diversity in the U.S. (C)	3		
Elective	2		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

		Minimum	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Grade	Notes
HCD 330: Health Care Systems in the U.S.	3	C	• Visit the CHS student website to explore research and internship opportunities. • Secure a part-time job or volunteer experience. • Continue volunteering and shadowing in health organizations.
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
Elective (ASB 100 recommended)	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHS 340: Health Theory	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course .
HCD 300: Biostatistics (CS)	3	C	
HCD 400: Interpreting the Scientific Literature	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HEP 444: Epidemiology	3	C	• Continue gaining hands on experience.
HEP 454: Health Promotion Program Planning and Implementation (L)	3	C	
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	
MED 417: Impact of Violence on Health	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HEP 456: Health Promotion Program Evaluation	3	C	• HEP 394: Health and Climate Change is the recommended elective. • Research employment opportunities. • Complete an in person or virtual practice interview.
HCD 302: Health Care Management	3	C	
HSC 310: Health Communication	3	C	
Complete 2 courses: Elective (HEP 394 recommended)	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POP 444: Population Health Field Experience	3	C	• Study for the health education specialist exam. • Apply for full-time career opportunities. • POP 444 fulfills the college's experiential learning requirement.
HCD 332: Population Health Policy and Legislation	3	C	
PBH 410: Public Mental Health	3	C	
PBH 435: Environmental and Occupational Health	3	C	
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Speech and Hearing Science, BS

School/College: College of Health Solutions
Location: Tempe campus
LASHSBS

The BS/MS accelerated option for this program is not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • First-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	• Students who intend to take PSY 230 for the statistics requirement must complete MAT 170. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information and more. • Join a student club or professional organization.
PSY 101: Introduction to Psychology (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• A minimum GPA of 3.50 is typically required for admission to graduate programs.
PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	

SHS 205: Exploring Communication Disorders in Children and Adults	3	C
Complete 2 courses: Elective	6	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Maintain 2.80 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PHY 101: Introduction to Physics (SQ)	4	C	• Create a first draft resume.
SHS 250: Introduction to Phonetics	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SHS 310: Anatomical and Physiological Bases of Speech	3	C	• A minimum GPA of 3.50 is typically required for admission to graduate programs. • Use Handshake to research employment opportunities.
SHS 311: Hearing Science	3	C	
ENG 301: Writing for the Professions (L)	3	C	
SHS 367: Language Science (SB)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SHS 375: Speech Science	3	C	• Visit the ASHA website for more information on graduate application procedures and career opportunities. • Complete an in person or virtual practice interview.
SHS 401: Principles of Audiology	3	C	
SHS 465: Speech and Language Acquisition (SB)	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SHS 470: Developmental Speech and Language Disorders	3	C	• Gather professional references. • All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 8 and visit the CHS student website for more information on opportunities, including research and internships, specific to your major. • A minimum GPA of 3.50 is typically required for admission to graduate programs.
SHS 496: Aural Rehabilitation	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 485: Acquired Speech and Language Disorders	3	C	• Select an experiential learning course from the list below and visit the CHS student website for more information on opportunities specific to your major.
SHS 402: Clinical Methods and Treatment of Communication Disorders	3	C	
Experiential Learning Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 280: Experiential Community Health and Research
CHS 394: CHS Peer Instructional Facilitator
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 493: Honors Thesis (L)
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
SHS 484: SLPA Certificate
SHS 498: Advanced Research Experience in Speech/Hearing Sci (L)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Speech and Hearing Science, BS

School/College: College of Health Solutions
Location: ASU Local
LASHSBS

The BS/MS accelerated option for this program is not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement. • First-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		• View ASU Online first-year student registration information here.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information and more. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	• Students who intend to take PSY 230 for the statistics requirement must complete MAT 170.
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	• A minimum GPA of 3.50 is typically required for admission to graduate programs.
SHS 205: Exploring Communication Disorders in Children and Adults	3	C	
Complete First-Year Composition requirement.			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
Elective	3		
Complete Mathematics (MA) requirement.			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 101: Introduction to Physics (SQ)	4	C	• Create a first draft resume.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SHS 250: Introduction to Phonetics	3	C	
Elective	3		
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• A minimum GPA of 3.50 is typically required for admission to graduate programs.
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SHS 310: Anatomical and Physiological Bases of Speech	3	C	• Use Handshake to research employment opportunities
SHS 367: Language Science (SB)	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SHS 311: Hearing Science	3	C	• Visit the ASHA website for more information on graduate application procedures and career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L)	3	C	• Complete an in person or virtual practice interview.
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 375: Speech Science	3	C	• A minimum GPA of 3.50 is typically required for admission to graduate programs.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 401: Principles of Audiology	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
SHS 465: Speech and Language Acquisition (SB)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 470: Developmental Speech and Language Disorders	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
SHS 496: Aural Rehabilitation	3	C	• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 10-A and visit the CHS student website for more information on opportunities, including research and internships, specific to your major. • Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 485: Acquired Speech and Language Disorders	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 402: Clinical Methods and Treatment of Communication Disorders	3	C	• Select an experiential learning course from the list below and visit the CHS student

Experiential Learning Course	3	C	website for more information on opportunities specific to your major.
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The CHS student website also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Experiential Learning Course

The following courses are the most relevant for your major, but other options may be possible. See your advisor.

CHS 280: Experiential Community Health and Research

CHS 484: Applied Health Experience

CHS 484: Citizen Science in Health

CHS 484: Translational Research

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Undergraduate Research

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sports Science and Performance Programming, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHSPTSPPBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHS 101: The ASU Experience for Health Solutions Students	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions majors take CHS 101 to fulfill this requirement. • Students interested in pursuing graduate school should take a higher level math in term 1 (or later as an elective for those placing into MAT 117 in term 1). • Join the Athletics Affinity Network. • Join a student club or professional organization such as the National Strength and Conditioning Association.
KIN 101: Introduction to Kinesiology	3	C	
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SSP 142: Sports Performance Practical Training	3	C	• First-year students must complete CHS 100; students who enter the major with more than 45 hours may complete CHS 300 instead. • Review scholarship renewal criteria to ensure adequate enrollment. • Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Secure a part-time job or volunteer experience. • Become a student member of a professional organization. • Review experiential learning opportunities or explore an internship to prepare for SSP 275 in Term 4.
HCD 300: Biostatistics (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
NTR 241: Human Nutrition	3	C	
SSP 242: Resistance Training Foundations for Performance	3	C	
Cultural Diversity in the U.S. (C)	3		

Complete Mathematics (MA) requirement.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 45 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Explore an internship. • Practical experience is highly recommended. • Attend a local clinic or conference.
SSP 275: Experiential Seminar for Sports Science	3	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SSP 325: Applied Anatomy and Biomechanics of Sport and Movement	4	C	• Develop your professional online presence . • Thinking about graduate school? Consider registering for a grad school test prep course. • Select major elective courses from the list below.
SSP 315: Exercise and Sport Physiology AND SSP 316: Exercise and Sport Physiology Laboratory	4	C	
Upper Division Major Electives	3	C	
Upper Division Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SSP 434: Plyometrics, Sports Movement and Conditioning	3	C	• Gather professional references. • Students are required to attend a pre-internship workshop prior to enrolling in SSP 484. • Review scholarship renewal criteria to ensure adequate enrollment.
SSP 460: Resistance Training Application and Theory	3	C	
KIN 348: Psychological Skills for Optimal Performance (SB)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SSP 461: Performance Programming Components and Periodization	3	C	• Select major elective courses from the list below. • Students that plan to sit for the Certified Strength and Conditioning Specialist (CSCS) exam may want to take SSP 484 as a major elective. • Students are required to attend a pre-internship workshop prior to enrolling in SSP 484.
SSP 423: Performance Testing and Technology	3	C	
Upper Division Major Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ SSP 484: Internship		3	C
Upper Division Major Electives		3	C
Upper Division Elective		1	
Complete 3 courses: Elective		8	
	Term hours subtotal:	15	

- Register for the Certified Strength and Conditioning Specialist (CSCS) exam.
- Students that plan to sit for the CSCS exam must complete a total of six credits of SSP 484: Internship.
- SSP 484 fulfills the college's experiential learning requirement.

- Students can apply up to six credits of SSP 484: Internship toward Sports Science & Performance Programming major requirements. Completions beyond six credits will apply toward general electives.

Hide Course List(s)/Track Group(s)

Major Electives
CHS 394: CHS Peer Instructional Facilitator
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
CHS 499: Individualized Instruction
KIN 345: Motor Behavior
KIN 415: Theory of Corrective Exercise
KIN 441: Physiology of Women in Sport (L)
KIN 465: Muscle Physiology
NTR 457: Sports Nutrition
NTR 494: Applied Practice in Nutrition
SSP 320: Coaching Leadership, Performance Team and Facility Management
SSP 484: Internship
SSP 494: Sports Medicine

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

Barrett, The Honors College Overview and Requirements

Barrett curriculum is designed to develop students' habits of mind that enable them to be lifelong learners, creative problem solvers, and participatory citizens in a democratic society. Barrett emphasizes:

- small classes and seminars
- multidisciplinary team-taught courses and other engaged modes of learning
- development of critical reading, discussion, and writing skills

Barrett appoints honors faculty fellows who are responsible for offering the core honors curriculum through honors signature courses. Barrett also collaborates with all colleges at ASU to offer honors seminars and sections, honors enrichment contracts, and undergraduate research, thesis, and creative project opportunities.

Admission to Barrett

Students first apply to ASU and then submit a separate application to Barrett, The Honors College.

Lower division entry: Students who begin with Barrett in their first year of college are required to take the HON 171 and HON 272: The Human Event course sequence, turn in either a successfully defended thesis or creative project, and complete 36 honors credit hours (18 of these credits must be upper-division coursework, and six of the upper-division credits must be outside of the major) with a cumulative GPA of 3.25 upon graduation.

Upper division entry: Students who begin with Barrett midway through their college careers are required to take HON 370: History of Ideas, turn in either a successfully defended thesis or creative project, and complete 21 upper-division honors credit hours (six of the credits must be outside of the major) with a cumulative GPA of 3.25 upon graduation.

Transfer students: Students who have graduated or will graduate from an Arizona Community College honors program and who are joining Barrett as upper-division students complete 18 credit hours of an honors curriculum to graduate from Barrett, rather than 21 hours. The course HON 370: History of Ideas and the thesis experience remain required components of the program.

Honors Signature Courses

All Barrett students are required to complete the Barrett signature courses taught by honors faculty fellows.

Students entering the college at the lower division are required to complete a two-semester sequence of HON 171 and HON 272: The Human Event. This is an interdisciplinary seminar focusing on key social and intellectual currents in the development of humanity in its diversity. Students examine human thought and imagination from various disciplines, including philosophy, history, literature, religion, science, social science, and art. Coursework emphasizes critical thinking, discussion, and argumentative writing.

Transfer students entering at the upper division complete a one-semester seminar, reserved for them, titled HON 370: History of Ideas. The texts are generally selected based on a theme of the instructors' choosing. Coursework emphasizes critical thinking, discussion, and argumentative writing.

Honors Thesis or Creative Project

The Barrett honors thesis or creative project is the culmination of a student's entire honors experience and undergraduate education. The thesis provides students with the opportunity to work closely with faculty and advance knowledge in the discipline in a meaningful way. A thesis or creative project demonstrates experience with design, execution, analysis, and presentation in the chosen field of study.

Students typically enroll in departmental courses numbered 492 and 493 for thesis work under the supervision of the ASU faculty thesis director. Passing credit in 493 will result in fulfillment of the student's upper division Literacy and Critical Inquiry (L) General Studies requirement.

Students may select their own thesis topic and supervising faculty member inside or outside their academic majors. Additionally, students may participate in honors thesis pathways programs. Thesis pathways are unique thesis opportunities in which students can be paired with faculty on interesting and engaging topics. The pathway options provide students a structured experience in completing their thesis while researching a topic that interests them.

Required thesis or creative project elements include a thesis committee, approved thesis prospectus, thesis defense form, formal thesis defense event, and the final thesis work (approved by the thesis committee), which must be submitted to the Barrett Thesis Digital Repository.

Honors Credit Hours and Academic Opportunities

Students are responsible for earning honors credit hours outside of the HON signature courses and the thesis or creative project. They may do so by obtaining a grade of "C" or "Y" through participation in:

- honors sections
- honors enrichment contracts
- honors Special Topics courses
- internship, teaching assistant, and research credit
- honors study abroad programs
- T.W. Lewis honors coursework
- graduate-level (500+) coursework

Honors Progress and Support

A dedicated honors advisor is assigned to each incoming Barrett student. Barrett honors advising is mandatory and required each year. The honors advisor provides tools for navigating honors requirements, such as the Degree Audit Reporting System, or DARS, and connects students to campus-wide resources, extraordinary opportunities, and programs that create a unique honors experience. Additionally, Barrett students have an assigned major advisor in the college or department of their academic major and a faculty honors advisor.

Faculty honors advisors are disciplinary faculty members who serve as liaisons between their academic units and Barrett, The Honors College. Faculty honors advisors assist students with academic opportunities, information on graduate school, advice on the related field and profession, and assistance with the honors thesis or creative project. Barrett students are encouraged to work with these advisors throughout their undergraduate experience.

Questions should be directed to Barrettadvising@asu.edu.

Lower Division Curriculum

6 credits
The Human Event

6 credits
Thesis/Creative Project

24 credits
- Honors Sections
- Enrichment Contracts
- Special Topics Courses
- Internships/Research
- Barrett Study Abroad
- T.W. Lewis Center
- Graduate courses (500+ level)

Remaining credits
Degree requirements

Advisors recommend earning 9 honors credits per year

Upper Division Curriculum

3 credits
History of Ideas

6 credits
Thesis/Creative Project

12 credits
- Honors Sections
- Enrichment Contracts
- Special Topics Courses
- Internships/Research
- Barrett Study Abroad
- T.W. Lewis Center
- Graduate courses (500+ level)

Remaining credits
Degree requirements

Advisors recommend earning 9 honors credits per year

2022 - 2023 Major Map

Applied Biological Sciences (Applied Biological Sciences), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
TSABSABS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student club or professional organization.
CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence. All other students will complete PHY 101 and elective hours. • Secure a part-time job or volunteer experience.
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Applied Biological Sciences Track	3	C	
Humanities, Arts and Design (HU)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 43 - 59.5 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	• Students considering graduate school or health professions should complete the following: CHM 233 and CHM 237, and CHM 234 and CHM 238 (instead of CHM 231 and CHM 235). • Students considering graduate school or health professions should complete PHY 112 and 114 in term 4 as part of their electives.
ABS 200: Building Your Professional Self	.5	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16.5		

Term 5 59.5 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ABS 370: Ecology	3	C	• Build your professional connections -- join the ASU Mentor Network. • Students considering graduate school or health professions should complete CHM 234 and CHM 238 as part of their electives in this term. • Connect with faculty to seek opportunities for research.
ABS 300: Career Competencies and Skills	.5	C	
Applied Biological Sciences Track	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15.5		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	• Use Handshake to research employment opportunities.
Upper Division Applied Biological Sciences Track	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 104 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	• Gather professional references. • Apply for full-time career opportunities.
ABS 490: Applied Biological Sciences Seminar	1	C	
BIO 340: General Genetics	4	C	
Upper Division Applied Biological Sciences Track	3	C	
Elective	3		
Term hours subtotal:	14		

Term 8 104 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: Upper Division Applied Biological Sciences Track	6	C	
Complete 3 courses: Upper Division Elective	10		
Term hours subtotal:	16		

- Students select one of two Applied Biological Sciences Tracks and complete 18 hours from within that track.

Hide Course List(s)/Track Group(s)

Applied Biological Sciences Health Track
ABS 302: Ethical and Policy Issues in Biology
ABS 312: Structure and Function
ABS 318: Unseen Life on Earth
ABS 355: Ecology and Adaptations of Vertebrates
ABS 394: Food and Human Health
ABS 394: Medicine and Culture
ABS 417: Comparative Immunology
ABS 484: Internship
ABS 494: Anatomy Practicum
ABS 494: Emerging Infections & Epidemics
ABS 494: Natural Products & Drug Discovery
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
BIO 351: Developmental Biology
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)
SPA 294: Intermediate Spanish for Health Professionals

Applied Biological Sciences General Biology Track
ABS Elective
BIO Elective
BCH Elective
MIC Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Biological Sciences (Natural Resource Ecology), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSABSNRBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-CLS: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student club or professional organization.
CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• Students in the Wildlife Track should take ABS 274. Students in the Rangelands/Watershed Track should take ABS 225/226. • Secure a part-time job or volunteer experience.
ABS 270: Sustainable Biological Systems	3	C	
ABS 274: Introduction to Wildlife Management OR ABS 225: Soils (SQ) AND ABS 226: Soils Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	17		

		Minimum	

Term 4 46 - 62.5 Credit Hours Critical course signified by	Hours	Grade	Notes
ABS 207: Applied Plant Taxonomy	3	C	• Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235.
ABS 200: Building Your Professional Self	.5	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16.5		

Term 5 62.5 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 350: Applied Statistics (CS)	3	C	• Students considering graduate school should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students can complete PHY 101. • Build your professional connections -- join the ASU Mentor Network • Connect with faculty to seek opportunities for research.
ABS 370: Ecology	3	C	
Upper Division Natural Resource Ecology Track	3	C	
ABS 300: Career Competencies and Skills	.5	C	
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16.5		

Term 6 79 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	• Students in the Wildlife Track should take ABS 355. Students in the Rangelands/Watershed Track should take ABS 430. • Use Handshake to research employment opportunities.
ABS 355: Ecology and Adaptations of Vertebrates OR ABS 430: Watershed Management	3	C	
Complete 2 courses: Upper Division Natural Resource Ecology Track	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 490: Applied Biological Sciences Seminar	1	C	• Gather professional references. • Apply for full-time career opportunities.
BIO 340: General Genetics	4	C	
Upper Division Natural Resource Ecology Track	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 479: Ecosystem Management and Planning (L)	3	C	
ABS 484: Internship OR Upper Division Elective	3		

Upper Division Elective	3	
Elective	3	
	Term hours subtotal:	12

- Students select one of three Natural Resource Ecology Tracks and complete 12 hours from within that track.

Hide Course List(s)/Track Group(s)

General Track (12 Credits)	Wildlife Track (12 Credits)	Rangeland and Watershed Track (12 Credits)
ABS 312: Structure and Function	ABS 376: Wildlife Ecology	ABS 368: Plant Propagation
ABS 318: Unseen Life on Earth	ABS 378: Animal Nutrition	ABS 376: Wildlife Ecology
ABS 376: Wildlife Ecology	ABS 384: Natural Resources Measurements	ABS 380: Restoration and Wildlife Plants
ABS 378: Animal Nutrition	ABS 470: Life History of Mammals	ABS 384: Natural Resources Measurements
ABS 380: Restoration and Wildlife Plants	ABS 472: Applied Herpetology	ABS 434: Soil Ecology
ABS 384: Natural Resources Measurements	ABS 473: Applied Ornithology	ABS 440: Ecological Restoration Techniques
ABS 417: Comparative Immunology	ABS 475: Habitat Management for Small Wildlife	ABS 441: Ecological Restoration Practicum
ABS 434: Soil Ecology	ABS 476: Big Game Habitat Management	ABS 474: Riparian Ecosystem Management
ABS 440: Ecological Restoration Techniques	ABS 485: GIS in Natural Resources	ABS 476: Big Game Habitat Management
ABS 441: Ecological Restoration Practicum AND ABS 470: Life History of Mammals	ABS 486: Introduction to Remote Sensing	ABS 481: Riparian and Wetland Restoration
ABS 472: Applied Herpetology	ABS 494: Applied Populations and Habitat Ecology	ABS 485: GIS in Natural Resources
ABS 473: Applied Ornithology	ABS 494: Emerging Infections & Epidemics	ABS 486: Introduction to Remote Sensing
ABS 474: Riparian Ecosystem Management		ABS 494: Applied Populations and Habitat Ecology
ABS 485: GIS in Natural Resources		ABS 494: Rangeland Ecosystem Management
ABS 486: Introduction to Remote Sensing		
ABS 489: Undergraduate Research		
ABS 494: Applied Populations and Habitat Ecology		
ABS 494: Emerging Infections & Epidemics		

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Biological Sciences (Preveterinary Medicine), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSABSPMBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student club or professional organization.
CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• Secure a part-time job or volunteer experience.
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
ABS 271: Veterinary Medicine Today	3	C	
OGL 200: Introduction to Organizational Leadership (SB) OR OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	17		

Term 4 46 - 60.5 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
ABS 200: Building Your Professional Self	.5	C	
Literacy and Critical Inquiry (L)	3		
Elective	3		
Complete ABS 271 course(s).			
Term hours subtotal:	14.5		

Term 5 60.5 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	• Build your professional connections -- join the ASU Mentor Network • Connect with faculty to seek opportunities for research.
ABS 300: Career Competencies and Skills	.5	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
OGL 340: Special Topics	3	C	
Upper Division Pre-Veterinary Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16.5		

Term 6 77 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 355: Ecology and Adaptations of Vertebrates	3	C	• Use Handshake to research employment opportunities.
BIO 340: General Genetics	4	C	
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Upper Division Pre-Veterinary Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 91 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 490: Applied Biological Sciences Seminar	1	C	• Gather professional references. • Apply for full-time career opportunities.
ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
BCH 361: Advanced Principles of Biochemistry	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	1		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 378: Animal Nutrition	3	C	
Complete 2 courses:			

Upper Division Pre-Veterinary Elective	6	C
ABS 484: Internship OR Upper Division Elective	3	
Elective	3	
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

Pre-Veterinary Electives (12 Hours Required)

- ABS 302: Ethical and Policy Issues in Biology
- ABS 312: Structure and Function
- ABS 318: Unseen Life on Earth
- ABS 372: Captive Animal Behavior Management
- ABS 376: Wildlife Ecology
- ABS 394: Animal Anatomy
- ABS 394: Introduction to Equine Science
- ABS 394: Small Animal Veterinary Topics
- ABS 417: Comparative Immunology
- ABS 470: Life History of Mammals
- ABS 472: Applied Herpetology
- ABS 473: Applied Ornithology
- ABS 484: Internship
- ABS 494: Anatomy Practicum
- ABS 494: Emerging Infections & Epidemics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Biological Sciences (Preveterinary Medicine), BS

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSABSPMBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU.
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	8		

Term 3 - A 30 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ABS 271: Veterinary Medicine Today	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	• Secure a part-time job or volunteer experience.
OGL 200: Introduction to Organizational Leadership (SB) OR OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 51.5 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
ABS 200: Building Your Professional Self	.5	C	
Elective	3		
Term hours subtotal:	7.5		

Term 4 - B 51.5 - 60.5 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• COM 225 Public Speaking (L) is recommended for students wishing to pursue veterinary school.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 60.5 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ABS 311: Molecular and Cellular Biology OR BIO 360: Animal Physiology	3	C	• Build your professional connections -- join the ASU Mentor Network. • Connect with faculty to seek opportunities for research.
ABS 300: Career Competencies and Skills	.5	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6.5		

Term 5 - B 67 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	7		

Term 6 - A 74 - 80 Credit Hours	Hours	Minimum Grade	Notes
ABS 355: Ecology and Adaptations of Vertebrates	3	C	
CHM 233: General Organic Chemistry I	3	C	
Term hours subtotal:	6		

Term 6 - B 80 - 86 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

CHM 234: General Organic Chemistry II	3	C
Upper Division Pre-Veterinary Elective	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

- Use Handshake to research employment opportunities.

Summer 6 86 - 88 Credit Hours	Hours	Minimum Grade	Notes
CHM 237: General Organic Chemistry Laboratory I	1	C	• ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

Term 7 - A 88 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 361: Advanced Principles of Biochemistry	3	C	• Gather professional references. • Apply for full-time career opportunities.
ABS 490: Applied Biological Sciences Seminar	1	C	
Upper Division Pre-Veterinary Elective	3	C	
Upper Division Elective	1		
Term hours subtotal:	8		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 350: Applied Statistics (CS)	3	C	• Use Handshake to research employment opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 378: Animal Nutrition	3	C	
ABS 484: Internship OR Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Pre-Veterinary Elective	6	C	
Elective	3		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Pre-Veterinary Electives (12 Hours Required)

ABS 302: Ethical and Policy Issues in Biology

ABS 312: Structure and Function

ABS 318: Unseen Life on Earth

ABS 372: Captive Animal Behavior Management

ABS 376: Wildlife Ecology

ABS 394: Animal Anatomy

ABS 394: Introduction to Equine Science

ABS 394: Small Animal Veterinary Topics

ABS 417: Comparative Immunology

ABS 470: Life History of Mammals

ABS 472: Applied Herpetology

ABS 473: Applied Ornithology

ABS 484: Internship

ABS 494: Anatomy Practicum

ABS 494: Emerging Infections & Epidemics

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Biological Sciences (Secondary Education in Biology), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
TSABSSBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H) (HST 109 recommended)	3		
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student club or professional organization.
CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (SPE 222 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• Secure a part-time job or volunteer experience. • Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools.
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Elective	2		
Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 42 - 58.5 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C
ABS 200: Building Your Professional Self	.5	C
Humanities, Arts and Design (HU) (TEL 212 recommended)	3	
BLE 220: Foundations of Structured English Immersion (L)	3	
Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended)	3	
Elective	3	
Milestone: Complete online Intent to Progress form (meet with advisor).		
Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card.		
Term hours subtotal:	16.5	

- Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101.
- Meet with a Teachers College advisor early in the semester to submit an "Intent to Progress" form that indicates you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP fingerprint clearance card with this form, as required by state law. Teachers College will then invite you to attend a mandatory Professional Pathways Orientation.

Term 5 58.5 - 76 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
ABS 350: Applied Statistics (CS)	3	C
ABS 370: Ecology	3	C
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C
ABS 300: Career Competencies and Skills	.5	C
TEL 318: Instructional Thought and Action: Assessment for Learning	3	
TEL 355: Internship: Initial	1	
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	17.5	

- Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235.
- During your clinical experience internships, you will work alongside a lead teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8.
- Connect with faculty to seek opportunities for research.

Term 6 76 - 92 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C
TEL 366: Internship: Intermediate	1	C
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C
ABS 207: Applied Plant Taxonomy OR ABS 355: Ecology and Adaptations of Vertebrates OR BCH 361: Advanced Principles of Biochemistry	3	
BIO 480: Methods of Teaching Biology	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

- Use Handshake to research employment opportunities.
- Meet with a Mary Lou Fulton Teachers College Advisor about Secondary Education requirements.

Term 7 92 - 108 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
ABS 490: Applied Biological Sciences Seminar	1	C

- Gather professional references.

★ BIO 340: General Genetics	4	C	
★ TEL 332: Disciplinary Literacy Methods	3	C	
★ SED 482: Science Teaching Methods for Secondary Schools	3	C	
★ TEL 477: Internship: Advanced	2	C	
Upper Division Social-Behavioral Sciences (SB) (TEL 340 recommended) OR Upper Division Humanities, Arts and Design (HU)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Apply for full-time career opportunities.
- Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College advisor to plan appropriately.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

- Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Biological Sciences (Sustainable Horticulture), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
TSABSUBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101. • Join a student club or professional organization.
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Secure a part-time job or volunteer experience.
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 45 - 59.5 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

ABS 260: Fundamentals of Sustainable Horticulture (SG)	4	C	• Sustainable Horticulture Elective chosen from list below.
CHM 116: General Chemistry II (SQ)	4	C	
ABS 200: Building Your Professional Self	.5	C	
Sustainable Horticulture Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	14.5		

Term 5 59.5 - 76 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ABS 363: Sustainable Landscape Practice	4	C	• Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235. • Build your professional connections -- join the ASU Mentor Network. • Connect with faculty to seek opportunities for research.
ABS 370: Ecology	3	C	
ABS 300: Career Competencies and Skills	.5	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	16.5		

Term 6 76 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ABS 368: Plant Propagation	3	C	• Use Handshake to research employment opportunities.
BIO 340: General Genetics	4	C	
ABS 362: Landscape Plants	4	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 353: Cell Biology OR BIO 360: Animal Physiology	3	C	• Gather professional references. • Apply for full-time career opportunities.
ABS 350: Applied Statistics (CS)	3	C	
ABS 464: Desert Horticulture	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**

ABS 490: Applied Biological Sciences Seminar	1	C
Upper Division Sustainable Horticulture Elective	3	C
Complete 2 courses: Upper Division Elective	5	
Complete 2 courses: Elective	6	
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

Sustainable Horticulture Elective
ABS 225: Soils (SQ)
ABS 318: Unseen Life on Earth
ABS 364: Urban Forestry
ABS 394: Future of Agriculture: Vertical Farming
ABS 460: Organic Gardening
ABS 462: Greenhouse/Nursery Management
ABS 484: Internship

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Mathematics, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSMATBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	13-14		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR CHM 117 and CHM 118 OR PHY 121/122 and PHY 131/132. • Join a student club or professional organization.
MAT 266: Calculus for Engineers II (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
BIO 181: General Biology I (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) OR CHM 117: General Chemistry for Majors I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG) OR CHM 116: General Chemistry II (SQ) OR CHM 118: General Chemistry for Majors II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	• Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR CHM 117 and CHM 118 OR PHY 121/122 and PHY 131/132.
MAT 267: Calculus for Engineers III (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C	
Global Awareness (G)	3		

Humanities, Arts and Design (HU)	3		• Secure a part-time job or volunteer experience.
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16-17		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 243: Discrete Mathematical Structures	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 343: Applied Linear Algebra	3	C	• Build your professional connections -- join the ASU Mentor Network • Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor. • Connect with faculty to seek opportunities for research.
STP 420: Introductory Applied Statistics (CS)	3	C	
Upper Division STEM Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Applied Mathematics Elective	6	C	• Use Handshake to research employment opportunities. • Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor.
Upper Division STEM Elective	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Applied Mathematics Elective	3	C	• Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor. • Gather professional references. • Apply for full-time career opportunities.
MAT 495: Undergraduate Research OR MAT 4** Elective OR STP 4** Elective	3	C	
Upper Division STEM Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
MAT 484: Internship OR Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Applied Mathematics Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses:			

Elective	6
Term hours subtotal:	15

- Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts advisor. Credit may not come from STP 420.
- Students must complete a minimum of 12 credit hours of MAT courses offered by the College of Integrative Sciences and Arts. Six of these 12 credits must be upper division.

Hide Course List(s)/Track Group(s)

Upper Division Applied Mathematics Electives
MAT 300: Mathematical Structures (L)
MAT 310: Introduction to Geometry
MAT 350: Techniques and Applications of Applied Mathematics
MAT 394: Special Topics
MAT 450: Mathematical Models in Biology
MAT 452: Introduction to Chaos and Nonlinear Dynamics
MAT 462: Applied Partial Differential Equations
MAT 494: Special Topics
MAT 499: Individualized Instruction
STP 421: Probability

Upper Division STEM Electives
ABS Upper Division Elective
BIO Upper Division Elective
CHM Upper Division Elective
CSE Upper Division Elective
EGR Upper Division Elective
ERM Upper Division Elective
GIT Upper Division Elective
HSE Upper Division Elective
IFT Upper Division Elective
PHY Upper Division Elective
SER Upper Division Elective
STP Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Physics, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSAPHYBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	13		

Term 2 13 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• Join a student club or professional organization.
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 28 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• Secure a part-time job or volunteer experience.
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

PHY 201: Mathematical Methods in Physics I (CS)	3	C
PHY 252: Physics III (SQ)	4	C
Historical Awareness (H)	3	
Literacy and Critical Inquiry (L)	3	
Elective	3	
Term hours subtotal:	16	

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 302: Mathematical Methods in Physics II	3	C	• Build your professional connections -- join the ASU Mentor Network. • Connect with faculty to seek opportunities for research.
PHY 314: Quantum Physics I	3	C	
Upper Division Applied Physics Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 315: Quantum Physics II	3	C	• Use Handshake to research employment opportunities.
Upper Division Applied Physics Electives	3	C	
Complete 3 courses: Elective	9		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 331: Principles of Modern Electromagnetism	3	C	• Gather professional references. • Apply for full-time career opportunities.
PHY 460: Numerical Methods in Modern Physics	3	C	
PHY 361: Introductory Modern Physics	3	C	
Upper Division Applied Physics Electives	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 444: Fundamentals of Nanoscience	3	C	
PHY 499: Individualized Instruction	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
PHY 484: Internship OR Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Applied Physics Electives (Complete 9 Credit Hours)
MAT 343: Applied Linear Algebra
PHY 321: Vector Mechanics and Vibration
PHY 333: Electronic Circuits and Measurements
PHY 416: Quantum Physics III
PHY 456: Laser Optics
PHY 495: Project Research
STP 420: Introductory Applied Statistics (CS)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PHY courses offered by the College of Integrative Sciences and Arts. At least six of these 12 credits must be upper-division.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Quantitative Science, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSAQSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Statistics Course	3	C	• Secure a part-time job or volunteer experience. • Statistics Requirement Course List Options.
Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Technical/Professional Communication Course	3	C	• Major Requirement Course List Options.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Statistics Course	3	C	• Build your professional connections -- join the ASU Mentor Network • Major Requirement Course List Options. • Connect with faculty to seek opportunities for research.
Complete 2 courses: Upper Division Major Electives	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Computer Skills Course	3	C	• Use Handshake to research employment opportunities. • Major Requirement Course List Options .
Complete 2 courses: Upper Division Major Electives	6	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Major Electives	3	C	• Gather professional references. • Apply for full-time career opportunities. • Major Requirement Course List Options.
Research and Analysis Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Capstone/Project Course	3	C	• Major Requirement Course List Options.
Upper Division Major Electives	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

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- This degree is only available as a concurrent degree at the Downtown Phoenix, Polytechnic, Tempe and West campuses.

- Major Requirement Course list options can be found on the College of Integrative Sciences and Arts website: cisa.asu.edu/applied-quantitative-sciences-degree-courses-list

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Applied Leadership), BAS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, ASU at Cochise, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yavapai
LSALSBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	• Complete two courses of OGL 340 in this term. • Build your professional connections -- join the ASU Mentor Network
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
OGL 340: Special Topics	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PMG 320: Foundations of Project Management	3	C	• Use Handshake to research employment opportunities.
★ OGL 350: Diversity and Organizations (L & C)	3	C	
OGL 340: Special Topics	3	C	
OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 355: Leading Organizational Innovation and Change	3	C	

OGL 340: Special Topics	3	C	• Complete two courses of OGL 340 in this term. • Gather professional references. • Apply for full-time career opportunities.
OGL 340: Special Topics	3	C	
OGL 365: Special Topics OR PMG 321: Project Leadership, Strategy and Scope	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
★ OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C	
OGL 340: Special Topics	3	C	
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Applied Leadership), BAS

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSALSBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn an ASU BAS degree. • Students should work with their academic advisor to run a DARs graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	
OGL 340: Special Topics	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 78 Credit Hours	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	• Build your professional connections -- join the ASU Mentor Network
OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	6		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 355: Leading Organizational Innovation and Change	3	C	• Use Handshake to research employment opportunities.
Any needed lower division General Studies requirement OR Elective	3		

Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 90 - 99 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PMG 320: Foundations of Project Management	3	C	• Gather professional references. • Apply for full-time career opportunities.
OGL 340: Special Topics	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 8 - A 108 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 481: Organizational Leadership Pro-Seminar I	3	C	
OGL 365: Special Topics OR PMG 321: Project Leadership, Strategy and Scope	3	C	
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 60 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Project Management), BAS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, Tempe campus
LSAPSPMBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		• Students may meet lower-division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn an ASU BAS degree. • Students should work with their academic advisor to run a DARs graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	• Build your professional connections -- join the ASU Mentor Network.
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
PMG 320: Foundations of Project Management	3	C	
Any needed lower-division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	• Use Handshake to research employment opportunities.
PMG 321: Project Leadership, Strategy and Scope	3	C	
PMG 322: Project Time Management	3	C	
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 340: Special Topics	3	C	• Gather professional references. • Apply for full-time career opportunities.
PMG 326: Project Procurement Management	3	C	

PMG 421: Project Risk Management	3	C
PMG 422: Project Quality Management	3	C
Any needed lower-division General Studies requirement OR Elective	3	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
OGL 340: Special Topics	3	C	
Complete 3 courses: Any needed lower-division General Studies requirement OR Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students should consult with their academic advisor to ensure that all ASU General Studies requirements will be completed for graduation.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Project Management), BAS

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSAPSPMBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	
PMG 320: Foundations of Project Management	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 345: Organizational Ethics (HU)	3	C	• Build your professional connections -- join the ASU Mentor Network
OGL 340: Special Topics	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PMG 321: Project Leadership, Strategy and Scope	3	C	
PMG 322: Project Time Management	3	C	
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	• Use Handshake to research employment opportunities.
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	9	

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 340: Special Topics	3	C	
PMG 326: Project Procurement Management	3	C	
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
PMG 421: Project Risk Management	3	C	• Gather professional references. • Apply for full-time career opportunities.
PMG 422: Project Quality Management	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Technical Communication), BAS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSTECBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	• Build your professional connections -- join the ASU Mentor Network
★ TWC 347: Written Communication for Managers (L)	3	C	
★ TWC 401: Fundamentals of Technical Communication (L)	3	C	
MAT 142: College Mathematics (MA)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 421: Principles of Web Authoring (L)	3	C	• Use Handshake to research employment opportunities.
★ TWC 431: Principles of Technical Editing	3	C	
ABS 350: Applied Statistics (CS) OR PAF 301: Applied Statistics (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Upper Division Elective	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 411: Principles of Visual Communication (L)	3	C	• Gather professional references.

TWC 443: Grant & Proposal Writing OR TWC 444: User Experience OR TWC 445: Content Strategy OR TWC 446: Technical and Scientific Reports (L)	3	C	• Apply for full-time career opportunities.
Complete 2 courses: TWC Upper Division Elective	6	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
TWC 490: Capstone	3	C	
TWC 451: Copyright and Intellectual Property in the Electronic Age OR TWC 452: Information in the Digital Age OR TWC 453: Information and Communications Technology in American History (L & H) OR TWC 454: Information Technology and Culture (C)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Communication, BA

School/College: College of Integrative Sciences and Arts
Location: Downtown Phoenix campus, Polytechnic campus
LSCOMBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
ASU 101-CLS: The ASU Experience	1		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 207: Introduction to Communication Inquiry	3	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Language and Cultures: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * OR Completion of COM 263 AND COM 371.	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	• Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		

Elective	3	
Complete Mathematics (MA) requirement.		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L)	3	C	• Build your professional connections -- join the ASU Mentor Network
COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric	3	C	
Upper Division Related Area Course	3	C	
Language and Cultures: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * OR Completion of COM 263 AND COM 371.	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Communication Track	3	C	• Students select one of four Communication Tracks and complete 9 hours from within that track. • Use Handshake to research employment opportunities.
COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric	3	C	
COM Upper Division Elective	3	C	
Global Awareness (G)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Communication Track	3	C	• Gather professional references. • Apply for full-time career opportunities.
COM Upper Division Elective	3	C	
Historical Awareness (H)	3		
Upper Division Elective	3		
COM 484: Internship OR Upper Division Elective	3		

Term hours subtotal:	15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Communication Track	3	C	
COM Upper Division Elective	3	C	
Elective	3		
COM 484: Internship OR Upper Division Elective	3		
Term hours subtotal:	12		

- Students select one of four Communication Tracks and complete 9 hours from within that track.

Hide Course List(s)/Track Group(s)

Integrative Culture and Communication in Professions
COM 316: Gender and Communication (SB & C)
COM 323: Communication Approaches to Popular Culture (C)
COM 363: Latinxs and the Media (C)
COM 364: Cultural Communicology (SB)
COM 371: Language, Culture, and Communication (SB & C & G)
COM 420: Rhetoric and Community Advocacy
COM 428: Graphic Novels and Popular Culture (HU)
COM 463: Intercultural Communication in a Global Context (SB & G)
COM 464: Communicative Sexualities (SB)
COM 484: Internship

Integrative Community Advocacy
COM 312: Communication, Conflict, and Negotiation
COM 316: Gender and Communication (SB & C)
COM 319: Persuasion and Social Influence (SB)
COM 320: Communication and Consumerism (SB)
COM 321: Rhetorical Theory and Research ((L or HU) & H)
COM 323: Communication Approaches to Popular Culture (C)
COM 326: Court Room Oratory
COM 420: Rhetoric and Community Advocacy
COM 421: Rhetoric of Social Issues (HU)
COM 422: Advanced Argumentation (L)
COM 426: Political Communication (SB)
COM 428: Graphic Novels and Popular Culture (HU)
COM 467: Digital Rhetoric
COM 484: Internship

Integrative Communication across Hispanic Communities
COM 363: Latinxs and the Media (C)
COM 364: Cultural Communicology (SB)
COM 371: Language, Culture, and Communication (SB & C & G)
COM 420: Rhetoric and Community Advocacy
COM 463: Intercultural Communication in a Global Context (SB & G)
COM 464: Communicative Sexualities (SB)
COM 484: Internship or SPA 484: Internship
SPA 401: Spanish Oral Communication for the Professions
SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C)
SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)

Integrative Communication and Technology in Society
COM 319: Persuasion and Social Influence (SB)
COM 320: Communication and Consumerism (SB)

Related Area Courses
ENG 317: Cross-Cultural Writing ((L or HU) & G)
HST 314: American Cultural History Since 1865 ((HU or SB) & H)

- COM 323: Communication Approaches to Popular Culture (C)
- COM 394: Communication in the Electronic Age
- COM 420: Rhetoric and Community Advocacy
- COM 421: Rhetoric of Social Issues (HU)
- COM 422: Advanced Argumentation (L)
- COM 428: Graphic Novels and Popular Culture (HU)
- COM 467: Digital Rhetoric
- COM 484: Internship
- JUS 432: Racial Justice (L)
- MCO 418: History of Mass Communication (SB & H)
- MCO 450: Visual Communication (HU)
- MCO 456: Political Communication (SB)
- MCO 460: Race, Gender, and Media (C)
- PHI 306: Applied Ethics (HU)
- POS 346: Problems of Democracy (HU)
- POS 350: Comparative Politics (SB & G)
- POS 435: Women and Politics (SB & C)
- POS 442: American Political Thought (HU)
- STS 330: Information Technology and Globalization (SB & G)
- STS 425: Law, Values, Science, and Technology (SB)
- TWC 301: Fundamentals of Writing for Digital Media (L)
- TWC 411: Principles of Visual Communication (L)
- TWC 452: Information in the Digital Age
- TWC 453: Information and Communications Technology in American History (L & H)
- WST 375: Women and Social Change (SB & C)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 upper division credit hours of COM courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Counseling and Applied Psychological Science, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSCAPSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 120: Introduction to Counseling (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 240: Counseling Skills	3	C	• Join a student club or professional organization.
PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 220: Self in a Multicultural Society (C)	3	C	• Secure a part-time job or volunteer experience.
PSY 290: Research Methods (L or SG)	4	C	
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Grade	Notes
ABS OR BIO OR MIC course (SQ)	4		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 310: Addictions I: Foundations and Basic Principles	3	C	• Build your professional connections -- join the ASU Mentor Network
CED 250: Career Development (L)	3	C	
PSY 366: Abnormal Psychology (SB)	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 320: Theories of Counseling and Psychotherapy	3	C	• Use Handshake to research employment opportunities.
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 484: Internship	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Elective	3		

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences A Courses	Counseling and Applied Psychological Sciences B Courses
CAP 315: Trauma and Crisis Intervention	CAP 494: Combat Trauma
CAP 325: Professional Practice and Ethics in Counseling	CAP 494: Counseling Military Veterans
CAP 330: Group Counseling	CDE 414: The School-Aged Child: Development in the Elementary Years
CAP 335: Addiction Group Counseling	FAS 331: Modern Family Relationships (SB)
CAP 340: Multicultural Counseling Theory and Practice	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
CAP 342: Community Outreach, Prevention and Intervention	PSY 304: Effective Thinking (L)
CAP 351: Issues in Assessment, Diagnosis and Treatment	PSY 315: Personality Theory and Research (SB)
CAP 400: Advanced Counseling Research Methods	PSY 320: Learning and Motivation
CAP 420: School Counseling	PSY 323: Sensation and Perception
CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention	PSY 324: Memory and Cognition
CAP 494: Combat Trauma	PSY 325: Physiological Psychology
CAP 494: Counseling Military Veterans	PSY 330: Statistical Methods (CS)
JUS 305: Principles of Justice Studies (SB)	PSY 341: Developmental Psychology (SB)
	PSY 350: Social Psychology (SB)
	PSY 369: Biology of Human Sexuality
	PSY 370: Interpersonal Relationships (SB)
	PSY 385: Psychology of Gender (SB)
	PSY 399: Supervised Research
	PSY 425: Biological Bases of Behavior (L)
	PSY 444: Adolescent Psychology and Psychopathology
	PSY 447: Psychology of Aging (SB)
	PSY 465: Psychology of Stress and Coping
	PSY 470: Psychopharmacology
	PSY 472: Clinical Psychology
	PSY 499: Individualized Instruction
	SOC 315: Sociology of Dating, Relationships and Marriage (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Counseling and Applied Psychological Science, BS

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSCAPSBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 120: Introduction to Counseling (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.
ASU 101-ONL: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	• View ASU Online first-year student registration information here. • Select your career interest communities and play me3@ASU.
PSY 101: Introduction to Psychology (SB)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 240: Counseling Skills	3	C	• Join a student club or professional organization.
PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	9		

Term 2 - B 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 31 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 220: Self in a Multicultural Society (C)	3	C	• Secure a part-time job or volunteer experience.
PSY 290: Research Methods (L or SG)	4	C	

Historical Awareness (H)	3		
Term hours subtotal:	10		

Term 3 - B 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 47 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ABS OR BIO OR MIC course (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 4 - B 54 - 63 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 63 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 310: Addictions I: Foundations and Basic Principles	3	C	• Build your professional connections -- join the ASU Mentor Network.
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Elective	3		
Term hours subtotal:	9		

Term 5 - B 72 - 81 Credit Hours	Hours	Minimum Grade	Notes
CED 250: Career Development (L)	3	C	
PSY 366: Abnormal Psychology (SB)	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Term hours subtotal:	9		

Term 6 - A 81 - 90 Credit Hours	Hours	Minimum Grade	Notes
CAP 320: Theories of Counseling and Psychotherapy	3	C	• Use Handshake to research employment opportunities.
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 6 - B 90 - 96 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
	Term hours subtotal:	6	

Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
CAP 484: Internship	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences A Courses
CAP 315: Trauma and Crisis Intervention
CAP 325: Professional Practice and Ethics in Counseling
CAP 330: Group Counseling
CAP 340: Multicultural Counseling Theory and Practice
CAP 494: Combat Trauma
CAP 494: Counseling Military Veterans
JUS 305: Principles of Justice Studies (SB)

Counseling and Applied Psychological Sciences B Courses
CDE 414: The School-Aged Child: Development in the Elementary Years
FAS 331: Modern Family Relationships (SB)
FAS 370: Family Ethnic and Cultural Diversity (SB & C)
PSY 304: Effective Thinking (L)
PSY 315: Personality Theory and Research (SB)
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 330: Statistical Methods (CS)

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

PSY 385: Psychology of Gender (SB)

PSY 399: Supervised Research

PSY 499: Individualized Instruction

SOC 315: Sociology of Dating, Relationships and Marriage (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSCAPSAABS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 120: Introduction to Counseling (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 220: Self in a Multicultural Society (C)	3	C	• Join a student club or professional organization.
PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 240: Counseling Skills	3	C	• Secure a part-time job or volunteer experience.
PSY 290: Research Methods (L or SG)	4	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 47 - 60 Credit Hours Critical course signified by	Hours	Grade	Notes
BIO 181: General Biology I (SQ)	4	C	
Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	13		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 310: Addictions I: Foundations and Basic Principles	3	C	• Build your professional connections -- join the ASU Mentor Network
CAP 325: Professional Practice and Ethics in Counseling	3	C	
CAP 340: Multicultural Counseling Theory and Practice	3		
CED 250: Career Development (L)	3	C	
PSY 366: Abnormal Psychology (SB)	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 320: Theories of Counseling and Psychotherapy	3	C	• Use Handshake to research employment opportunities.
CAP 335: Addiction Group Counseling	3	C	
CAP 351: Issues in Assessment, Diagnosis and Treatment	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 470: Psychopharmacology	3	C	• Gather professional references. • Apply for full-time career opportunities.
CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 484: Internship	3	C	
Complete 2 courses: Upper Division Counseling and Applied Psychological Sciences Courses	6	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences Courses

- CAP 315: Trauma and Crisis Intervention
- CAP 330: Group Counseling
- CAP 342: Community Outreach, Prevention and Intervention
- CAP 400: Advanced Counseling Research Methods
- CAP 420: School Counseling
- CAP 494: Combat Trauma
- CAP 494: Counseling Military Veterans
- FAS 331: Modern Family Relationships (SB)
- FAS 370: Family Ethnic and Cultural Diversity (SB & C)
- JUS 305: Principles of Justice Studies (SB)
- PSY 304: Effective Thinking (L)
- PSY 315: Personality Theory and Research (SB)
- PSY 320: Learning and Motivation
- PSY 323: Sensation and Perception
- PSY 324: Memory and Cognition
- PSY 325: Physiological Psychology
- PSY 330: Statistical Methods (CS)
- PSY 341: Developmental Psychology (SB)
- PSY 350: Social Psychology (SB)
- PSY 369: Biology of Human Sexuality
- PSY 370: Interpersonal Relationships (SB)
- PSY 385: Psychology of Gender (SB)
- PSY 399: Supervised Research
- PSY 425: Biological Bases of Behavior (L)
- PSY 444: Adolescent Psychology and Psychopathology
- PSY 447: Psychology of Aging (SB)
- PSY 465: Psychology of Stress and Coping
- PSY 472: Clinical Psychology
- PSY 499: Individualized Instruction
- SOC 315: Sociology of Dating, Relationships and Marriage (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSCAPSAABS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 120: Introduction to Counseling (SB)	3	C	• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	• View ASU Online first-year student registration information here.
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 220: Self in a Multicultural Society (C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CAP 240: Counseling Skills	3	C	
Elective	3		

Term hours subtotal:	6

Term 3 - B 31 - 38 Credit Hours	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Secure a part-time job or volunteer experience.
Humanities, Arts and Design (HU)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CED 250: Career Development (L)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 310: Addictions I: Foundations and Basic Principles	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
CAP 325: Professional Practice and Ethics in Counseling	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
CAP 340: Multicultural Counseling Theory and Practice	3		• Build your professional connections -- join the ASU Mentor Network.
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CAP 320: Theories of Counseling and Psychotherapy	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PSY 366: Psychological Disorders (SB)	3	C	
Elective	3		
Term hours subtotal:	6		

		Minimum	

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CAP 335: Addiction Group Counseling	3	C	• Use Handshake to research employment opportunities.
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
CAP 351: Issues in Assessment, Diagnosis and Treatment	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention	3	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 470: Psychopharmacology	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
CAP 484: Internship	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Counseling and Applied Psychological Sciences Courses	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Counseling and Applied Psychological Sciences Courses	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences Courses

CAP 315: Trauma and Crisis Intervention

CAP 330: Group Counseling

CAP 342: Community Outreach, Prevention and Intervention

CAP 400: Advanced Counseling Research Methods

CAP 420: School Counseling

CAP 494: Combat Trauma

CAP 494: Counseling Military Veterans

FAS 331: Modern Family Relationships (SB)

FAS 370: Family Ethnic and Cultural Diversity (SB & C)

JUS 305: Principles of Justice Studies (SB)

PSY 304: Effective Thinking (L)

PSY 315: Personality Theory and Research (SB)

PSY 320: Learning and Motivation

PSY 323: Sensation and Perception

PSY 324: Memory and Cognition

PSY 325: Physiological Psychology

PSY 330: Statistical Methods (CS)

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

PSY 369: Biology of Human Sexuality

PSY 370: Interpersonal Relationships (SB)

PSY 385: Psychology of Gender (SB)

PSY 399: Supervised Research

PSY 425: Biological Bases of Behavior (L)

PSY 444: Adolescent Psychology and Psychopathology

PSY 447: Psychology of Aging (SB)

PSY 472: Clinical Psychology

PSY 499: Individualized Instruction

SOC 315: Sociology of Dating, Relationships and Marriage (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSENGBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	• ENG 200-level literature course is a recommended pre-requisite to upper division ENG courses. • Secure a part-time job or volunteer experience.
2** ENG Literature Course AND Humanities, Arts and Design (HU)	3	C	
ENG Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete Mathematics (MA) requirement.			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

		Minimum	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Grade	Notes
2** ENG Writing Course	3	C	
Literature Course	3	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ethnicity and Gender Course	3	C	• Build your professional connections -- join the ASU Mentor Network
Complete 2 courses: ENG Elective	6	C	
Upper Division Elective	3		
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Film and Popular Culture	3	C	• Use Handshake to research employment opportunities.
Complete 2 courses: ENG Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
Maintain 2.00 GPA in Major Courses.			
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG Upper Division Elective	3	C	• Gather professional references. • Apply for full-time career opportunities.
Complete 4 courses: Upper Division Elective	12		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 498: Pro-Seminar (L)	3	C	• Students in the Barrett Honors College may take ENG 493: Honors Thesis in place of ENG 498: Pro-Seminar.
Complete 2 courses: ENG Upper Division Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
ENG 484: Internship OR Upper Division Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

2** ENG Literature Course
ENG 201: World Literature (HU & H & G)
ENG 221: Survey of English Literature (HU)
ENG 222: Survey of English Literature (HU & H)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)
ENG 242: Literatures of the United States, 1860 to Present (HU)

Literature
ENG 303: Classical Backgrounds of English Literature (HU)
ENG 321: Shakespeare (L or HU)
ENG 328: The Novel to Jane Austen (HU & H)
ENG 333: American Ethnic Literature
ENG 352: Short Story (L or HU)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ENG 359: Indigenous American Literature ((L or HU) & C)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 364: Women and Literature (HU)
ENG 471: Literature for Young Adults (HU)
ENG 473: Critical Approaches to Children's Literature (L or HU)

2** ENG Writing Course
ENG 210: Introduction to Creative Writing
ENG 215: Strategies of Academic Writing (L)
ENG 216: Persuasive Writing on Public Issues (L)
ENG 243: Introduction to Writing Family History (L)
ENG 244: Introduction to Researching Family History

Flm and Popular Culture
ENG 320: Medievalism in Modern Culture
ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
ENG 365: History of Film (HU)
ENG 366: Literature on Film
ENG 367: Environmental Issues in Literature and Film (L or HU)
ENG 446: Visual Narratives (L or HU)
ENG 464: Great Directors (L or HU)
ENG 466: Studies in International Film ((L or HU) & G)
ENG 467: American Film Musicals (L or HU)

Ethnicity and Gender
ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 333: American Ethnic Literature
ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ENG 359: Indigenous American Literature ((L or HU) & C)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 364: Women and Literature (HU)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- A minimum of 12 upper division ENG credits must be completed through the College of Integrative Sciences and Arts.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

General Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Downtown Phoenix campus, Polytechnic campus, ASU at Lake Havasu
LSGNSBGS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits.
Cluster #1 Course	3	C	
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cluster #2 Course	3	C	• Join a student club or professional organization. • Develop your skills.
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cluster #3 Course	3	C	

Literacy and Critical Inquiry (L)	3	
Computer/Statistics/Quantitative Applications (CS)	3	
Global Awareness (G)	3	
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	15	

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Cluster #1 Course	3	C	• Build your professional connections -- join the ASU Mentor Network
Cluster #4 Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Cluster #1 Course	3	C	• Use Handshake to research employment opportunities.
Upper Division Cluster #2 Course	3	C	
Upper Division Cluster #3 Course	3	C	
Cluster #2 Course	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
UNI 400: Society and the Individual (L)	3	C	• Gather professional references. • Apply for full-time career opportunities.
Complete 2 courses: Upper Division Cluster #4 Course	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Cluster #3 Course	3	C	
Upper Division Elective OR IDS 484: Internship OR COM 484: Internship OR SPA 484: Internship	3		
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits.

Hide Course List(s)/Track Group(s)

Global Perspectives
COM 316: Gender and Communication (SB & C)
COM 363: Latinxs and the Media (C)
ENG 201: World Literature (HU & H & G)
ENG 202: World Literature (HU & H)
ENG 216: Persuasive Writing on Public Issues (L)
ENG 217: Writing Reflective Essays (L)
ENG 317: Cross-Cultural Writing ((L or HU) & G)
HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C)
HCR 310: Fundamentals of Human Trafficking (SB)
HST 101: Global History Since 1500 (HU & H & G)
HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)
HST 230: Introduction to Jewish Civilization (HU & H & G)
HST 306: The Civil Rights Movement
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
HST 364: Sex and Society in Modern Europe ((L or SB) & H)
HST 368: Culture and Imagination in European History (HU & H)
HST 372: Modern Middle East (SB & G & H)
HST 430: The Ottoman Empire in the Classical Period
MCO 430: International Mass Communication (G)
REL 100: Religions of the World (HU & G)
REL 201: Religion and the Modern World (L or HU)
REL 365: Islamic Civilization (HU & H)
REL 369: Women in Islam

National and Civil Service
AES 101: Air Force Today I
AES 103: Air Force Today II
AES 201: The Evolution of USAF Air and Space Power I
AES 203: The Evolution of USAF Air and Space Power II
AES 301: Air Force Leadership Studies I (L)
AES 303: Air Force Leadership Studies II (L)
AES 401: National Security Affairs (L)
COM 259: Communication in Business and the Professions
COM 263: Elements of Intercultural Communication (SB & C & G)
COM 312: Communication, Conflict, and Negotiation
COM 316: Gender and Communication (SB & C)
COM 371: Language, Culture, and Communication (SB & C & G)
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 350: Law and Social Control (SB)
CRJ 403: Victims and the Criminal Justice System
CRJ 404: Juvenile Delinquency
CRJ 405: Neighborhoods and Crime
CRJ 406: Sex Crimes
CRJ 408: Drugs and Crime
CRJ 422: Violence in America
CRJ 461: Domestic Violence
CRJ 462: Gangs
CRJ 463: White Collar Crime
CRJ 470: Discretionary Justice (L or SB)
ENG 216: Persuasive Writing on Public Issues (L)
ENG 217: Writing Reflective Essays (L)

Organizations, Communities and Ethics
CAP 342: Community Outreach, Prevention and Intervention
CHM 107: Chemistry and Society (SQ)
COM 312: Communication, Conflict, and Negotiation
COM 467: Digital Rhetoric
CRJ 350: Law and Social Control (SB)
CRJ 403: Victims and the Criminal Justice System
CRJ 404: Juvenile Delinquency
CRJ 405: Neighborhoods and Crime
CRJ 406: Sex Crimes
CRJ 408: Drugs and Crime
CRJ 422: Violence in America
CRJ 461: Domestic Violence
CRJ 462: Gangs
CRJ 463: White Collar Crime
CRJ 470: Discretionary Justice (L or SB)
HCI 150: Introduction to Health Innovation
HCI 250: Health Entrepreneurship and Value Creation
HCR 210: Ethics for the Health Care Professional (HU)
HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C)
HCR 231: Fundamentals of Community Health
HCR 310: Fundamentals of Human Trafficking (SB)
HCR 331: Communication within Communities
HST 333: African American History to 1865 (SB & H & C)
MCO 120: Media and Society (SB)
MCO 240: Media Issues in American Pop Culture
MCO 335: Social Media
MCO 456: Political Communication (SB)

REL 390: Women, Gender and Religion (HU & G)

SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

TDM 205: Introduction to Travel and Tourism (G)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

WST 380: Race, Gender, and Class (SB & C)

WST 390: Women, Gender and Religion (HU & G)

ENG 301: Writing for the Professions (L)

ENG 317: Cross-Cultural Writing ((L or HU) & G)

HCR 231: Fundamentals of Community Health

HCR 310: Fundamentals of Human Trafficking (SB)

HCR 331: Communication within Communities

MCO 456: Political Communication (SB)

MIS 101: Introduction to the United States Army

MIS 102: Foundation of Agile and Adaptive Leadership

MIS 201: Army Leadership and Decision Making

MIS 202: Army Doctrine and Team Development

MIS 301: Training Management and the Warfighting Functions (L)

MIS 302: Applied Leadership in Small-Unit Operations (L)

NAV 101: Introduction to Naval Science

NAV 102: Sea Power and Maritime Affairs

NAV 402: Leadership and Ethics

NLM 160: Voluntary Action and Community Leadership (SB)

NLM 220: Introduction to Nonprofit Organizations

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

OGL 220: Behavioral Dynamics in Organizations (SB)

OGL 260: Resource Allocation in Organizations

OGL 300: Theory and Practice of Leadership

OGL 343: Social Processes in Organizations (SB)

OGL 345: Organizational Ethics (HU)

OGL 350: Diversity and Organizations (L & C)

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

MCO 460: Race, Gender, and Media (C)

NLM 160: Voluntary Action and Community Leadership (SB)

NLM 220: Introduction to Nonprofit Organizations

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

OGL 220: Behavioral Dynamics in Organizations (SB)

OGL 260: Resource Allocation in Organizations

OGL 300: Theory and Practice of Leadership

OGL 343: Social Processes in Organizations (SB)

OGL 345: Organizational Ethics (HU)

OGL 350: Diversity and Organizations (L & C)

OGL 355: Leading Organizational Innovation and Change

OGL 357: Assessment in Organizations

OGL 360: Assessment of Leadership Effectiveness

PAF 220: Introduction to Urban America

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 311: Leadership and Change (SB)

PAF 351: Urban and Metropolitan Studies

PAF 352: Urban Theory

PAF 410: Building Leadership Skills (SB)

PAF 420: Managing Across Boundaries

PAF 460: Public Service Ethics

PHI 101: Introduction to Philosophy (HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

PRM 145: Special Events Management

PRM 487: Advanced Special Events Management

OGL 355: Leading Organizational Innovation and Change

OGL 357: Assessment in Organizations

OGL 360: Assessment of Leadership Effectiveness

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

PAF 420: Managing Across Boundaries

PAF 460: Public Service Ethics

SWU 181: Economics: A Social Issues Perspective

SWU 182: Social Services Perspective of Government (SB)

SWU 432: Social Policy and Services

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

USL 402: Service Learning: Education & Youth (C)

VTS 301: Experience of America's Modern Wars (H)

VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)

SPA 317: Spanish for the Professions (G)

SPA 318: Advanced Spanish for Health Care Professionals

SPA 401: Spanish Oral Communication for the Professions

SPA 402: Written Communication for the Professions (C)

SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C)

SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)

SPA 406: Introduction to Spanish/English Medical Interpretation

STS 331: Ethical Issues in Science and Technology (SB)

SWU 171: Introduction to Social Work (SB & H)

SWU 181: Economics: A Social Issues Perspective

SWU 182: Social Services Perspective of Government (SB)

SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)

SWU 432: Social Policy and Services

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

TDM 205: Introduction to Travel and Tourism (G)

VTS 301: Veterans, Society and Service: Experience of America's Modern Wars (H)

VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)

Values, Identities and Society

CAP 220: Self in a Multicultural Society (C)

CDE 232: Human Development (SB)

COM 100: Introduction to Human Communication (SB)

COM 207: Introduction to Communication Inquiry

- COM 222: Argumentation (L)
- COM 225: Public Speaking (L)
- COM 230: Small Group Communication (SB)
- COM 250: Communication and the Workplace (SB)
- COM 259: Communication in Business and the Professions
- COM 263: Elements of Intercultural Communication (SB & C & G)
- COM 312: Communication, Conflict, and Negotiation
- COM 316: Gender and Communication (SB & C)
- COM 323: Communication Approaches to Popular Culture (C)
- COM 362: Urban Communication: Reinventing the Latinx City
- COM 363: Latinxs and the Media (C)
- COM 464: Communicative Sexualities (SB)
- COM 371: Language, Culture, and Communication (SB & C & G)
- CRJ 350: Law and Social Control (SB)
- CRJ 403: Victims and the Criminal Justice System
- CRJ 404: Juvenile Delinquency
- CRJ 405: Neighborhoods and Crime
- CRJ 406: Sex Crimes
- CRJ 408: Drugs and Crime
- CRJ 422: Violence in America
- CRJ 461: Domestic Violence
- CRJ 462: Gangs
- CRJ 463: White Collar Crime
- ENG 216: Persuasive Writing on Public Issues (L)
- ENG 217: Writing Reflective Essays (L)
- ENG 218: Writing About Literature (L or HU)
- ENG 287: Beginning Creative Writing Workshop in Poetry
- ENG 288: Beginning Creative Writing Workshop in Fiction
- ENG 301: Writing for the Professions (L)

- ENG 364: Women and Literature (HU)
- ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice
- ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice
- HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C)
- HCR 310: Fundamentals of Human Trafficking (SB)
- HCR 331: Communication within Communities
- HST 110: United States Since 1865 (SB & H)
- HST 230: Introduction to Jewish Civilization (HU & H & G)
- HST 306: The Civil Rights Movement
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 333: African American History to 1865 (SB & H & C)
- HST 368: Culture and Imagination in European History (HU & H)
- HST 372: Modern Middle East (SB & G & H)
- HST 430: The Ottoman Empire in the Classical Period
- MCO 335: Social Media
- MCO 425: Digital Media Literacy I
- MCO 426: Digital Media Literacy II
- PHI 101: Introduction to Philosophy (HU)
- PHI 105: Intro to Ethics (HU)
- PHI 306: Applied Ethics (HU)
- PSY 101: Introduction to Psychology (SB)
- PSY 350: Social Psychology (SB)
- REL 100: Religions of the World (HU & G)
- REL 201: Religion and the Modern World (L or HU)
- REL 240: Introduction to Southeast Asia ((HU or SB) & G)

REL 365: Islamic Civilization (HU & H)

REL 369: Women in Islam

REL 390: Women, Gender and Religion (HU & G)

SWU 456: Immigrants and Refugees (C)

SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

WST 380: Race, Gender, and Class (SB & C)

WST 390: Women, Gender and Religion (HU & G)

VTS 301: Veterans, Society and Service: Experience of America's Modern Wars (H)

VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

History, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSHISBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. • HST Elective credit may not come from HST 300 or HST 498
HST Elective	3	C	
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3		
Elective	3		
Maintain 2.25 GPA in Critical Tracking Courses.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization. • HST Elective credit may not come from HST 300 or HST 498
HST Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Maintain 2.25 GPA in Critical Tracking Courses.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST Elective	3	C	• Secure a part-time job or volunteer experience. • HST Elective credit may not come from HST 300 or HST 498
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

Complete Mathematics (MA) requirement.			
Maintain 2.25 GPA in Critical Tracking Courses.			
	Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Additional History Related Area	3	C	• Students will complete a total of 15 credit hours in a History Related Area Field. 9 credit hours must be selected from a single subject area, and at least six of those credit hours must be upper division. The remaining six credit hours can be selected from any subjects in the list, and at least three of those credit hours must be upper division. See more information at the bottom of the major map. Students will choose Related Area Fields in consultation with their History academic advisor.
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Maintain 2.25 GPA in Critical Tracking Courses.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HST Upper Division Elective	3	C	• Build your professional connections -- join the ASU Mentor Network. • Upper Division HST Elective credit may not come from HST 300 or HST 498
History Single Subject Related Area	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HST Upper Division Elective	3	C	• Use Handshake to research employment opportunities. • Students will complete a total of 15 credit hours in a History Related Area Field. 9 credit hours must be selected from a single subject area, and at least six of those credit hours must be upper division. The remaining six credit hours can be selected from any subjects in the list, and at least three of those credit hours must be upper division. See more information at the bottom of the major map. Students will choose Related Area Fields in consultation with their History academic advisor. • Upper Division HST Elective credit may not come from HST 300 or HST 498
Upper Division Additional History Related Area	3	C	
Complete 3 courses: Upper Division Elective	9		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 7 93 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HST Upper Division Elective	3	C	• Gather professional references. • Apply for full-time career opportunities. • Upper Division HST Elective credit may not come from HST 300 or HST 498
Complete 2 courses: Upper Division History Single Subject Related Area	6	C	
Upper Division Elective	3		
Minimum 2.25 GPA in HST.			

	Term hours subtotal:	12

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L) OR HST 493: Honors Thesis (L)	3	C	• Students in the Barrett Honors College may take HST 493: Honors Thesis in place of HST 495: Methods of Historical Inquiry. • Upper Division HST Elective credit may not come from HST 300 or HST 498
HST 484: Internship OR Upper Division Elective	3		
HST Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

- Students will complete a total of 15 credit hours of History Related Area courses (including a minimum of nine upper-division hours). History Related subjects include: English (ENG), Integrative Social Sciences (ISS), Philosophy (PHI), Political Science (POS), Religious Studies (REL), Sociology (SOC), Science Technology and Society (STS) and Veterans Studies (VTS).
- Students will select one subject of study from the History Related Area course list, and complete nine hours of coursework within that subject. At least six of those hours must be upper division. All courses must be from the same subject.
- The remaining six credit hours can be taken from any subject area listed below; courses do not have to be from the same subject. At least three of those hours must be upper division.

Hide Course List(s)/Track Group(s)

History Single Subject Related Area - Choose One Subject (9 Hours)
ENG Elective
ISS Elective
PHI Elective
POS Elective
REL Elective
SOC Elective
STS Elective
VTS Elective

Additional History Related Area (6 Hours)
ENG Elective
ISS Elective
PHI Elective
POS Elective
REL Elective
SOC Elective
STS Elective
VTS Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
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- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

History of Science, Technology and Innovation, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSHSIIBA

This program's name has changed effective Fall 2022. The previous name was History of Science, Ideas and Innovation.

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities area and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3		
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students must select Related Area courses all from **one** subject/prefix indicated at bottom of the major map. • Join a student club or professional organization.
Related Area Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 28 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 280: History of Science, Ideas and Innovation (SB & G & H)	3	C	• Secure a part-time job or volunteer experience.
History of Science, Ideas and Innovation Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Students must select Related Area courses all from **one** subject/prefix indicated at bottom of the major map.
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Students must choose History of Science, Ideas and Innovation Elective credits from the list provided at the bottom of the major map. • Build your professional connections -- join the ASU Mentor Network
Complete 3 courses: Upper Division History of Science, Ideas and Innovation Elective	9	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division History of Science, Ideas and Innovation Elective	9	C	• Use Handshake to research employment opportunities.
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division History of Science, Ideas and Innovation Elective	9	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HST 495: Methods of Historical Inquiry (L)	3	C	
Complete 4 courses: Upper Division History of Science, Ideas and Innovation Elective	12	C	
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

History of Science, Ideas and Innovation Electives	Related Area Courses (9 credits from ONE subject below)
HST 294: Special Topics	ABS Elective
	AMT Elective

HST 300: Experience of America's Modern Wars (H)

HST 301: Global History of Health (SB & G & H)

HST 308: History and Philosophy of Sustainability

HST 309: Exploration and Empire ((L or HU) & H)

HST 312: History of Women in Science and Medicine (HU or SB)

HST 318: History of Engineering ((L or SB) & G)

HST 319: History of Aviation (H)

HST 345: Environmental History (L)

HST 380: Studies in the History of Science

HST 381: Studies in the History of Ideas

HST 382: Studies in the History of Innovation and Technology

HST 385: History of Chinese Medicine (HU & H & G)

HST 394: Special Topics

HST 482: Writing and the History of Science, Ideas and Technology (L)

HST 484: Internship

HST 494: Special Topics

ATC Elective

BIO Elective

EGR Elective

IFT Elective

ISS Elective

PHY Elective

POS Elective

SOC Elective

STS Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Integrative Social Science, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSISSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ISS 110: Dimensions of Social Science (SB) OR ISS 302: Scope of Social Science (SB)	3	C	• Students beginning their college experience at ASU will take ISS 110 to fulfill the introduction course requirement. Students who transfer to ASU with more than 45 credit hours will take ISS 302 to fulfill this requirement. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		• Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		• Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

		Minimum	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Grade	Notes
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB) OR STS 301: Research in Science and Technology Studies (SB)	3	C	• Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme. • Build your professional connections -- join the ASU Mentor Network
Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core	3	C	
Complete 2 courses: Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ISS 304: Integrated Theories of Social Science (SB)	3	C	• Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme. • Use Handshake to research employment opportunities.
Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core	3	C	
Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ISS 401: Statistics for Integrated Social Science (MA) OR POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS)	3	C	• Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme. • Gather professional references. • Apply for full-time career opportunities.
Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core	3	C	
Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	ISS 484: Internship OR ISS 498: Pro-Seminar	3	C
	Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core	3	C
	Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives	3	C
	Elective	3	
	Term hours subtotal:	12	

- ISS 484 is recommended for students taking the program as a terminal degree for professional practice. ISS 498 Capstone or Applied Project are recommended for students preparing for further studies.
- Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme.

Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme.

Hide Course List(s)/Track Group(s)

Globalization and International Political Economy Core
ISS 482: Globalization and International Political Economy
POS 310: American National Government (SB)
POS 485: Political Economy (SB)
STS 304: Science, Technology and Society (SB)

Ethnicity, Gender and Social Justice Core
ISS 437: Integrative Ethics in Social Science
ISS 441: Conflict and Conflict Resolution (SB & G)
POS 485: Political Economy (SB)
WST 380: Race, Gender, and Class (SB & C)

Ethnicity, Gender and Social Justice Electives
FAS 332: Human Sexuality (SB)
FAS 370: Family Ethnic and Cultural Diversity (SB & C)
ISS 410: Integrative Leadership Studies (SB)
ISS 428: Religion and Global Violence (SB & G)
ISS 456: Culture, Conflict and War ((L or SB) & G)
POS 339: Grassroots Social Movements (SB)
POS 439: Minority Group Politics in America (SB & C)
POS 467: International Security (SB & G)
SOC 315: Sociology of Dating, Relationships and Marriage (SB)
SOC 352: Social Change (SB & G & H)
SOC 415: The Family (SB)
SOC 420: Sociology of Religion (L or SB)
SOC 421: Education and Society (SB)
STS 306: Social Effects of Science and Technology (SB)
STS 328: Science, Technology, and Culture (SB)
STS 331: Ethical Issues in Science and Technology (SB)
STS 364: Science, Technology, and National Security (SB)

WST 300: Women and Gender in Contemporary Society (SB & C)

Globalization and International Political Economy Electives

ISS 410: Integrative Leadership Studies (SB)

ISS 441: Conflict and Conflict Resolution (SB & G)

ISS 450: Consumerism and Sustainable Development (SB)

ISS 456: Culture, Conflict and War ((L or SB) & G)

POS 316: American Political Institutions

POS 325: Public Policy Development (SB)

POS 339: Grassroots Social Movements (SB)

POS 346: Problems of Democracy (HU)

POS 350: Comparative Politics (SB & G)

POS 360: World Politics (SB & G)

POS 361: American Foreign Policy (SB & G)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 370: Law and Society (SB)

POS 426: Elements of Public Policy (SB)

POS 467: International Security (SB & G)

POS 486: International Political Economy (SB & G)

STS 302: Philosophy of Science and Technology (SB)

STS 303: History of Science and Technology (H)

STS 305: Science and Social Theory (SB)

STS 306: Social Effects of Science and Technology (SB)

STS 317: Science, Technology, and Global Engagement (SB & G)

STS 318: Science, Technology, and Government (SB)

STS 325: Science, Technology, and Public Policy (SB)

STS 328: Science, Technology, and Culture (SB)

STS 329: Technology in Developing Countries (SB & G)

STS 330: Information Technology and Globalization (SB & G)

STS 331: Ethical Issues in Science and Technology (SB)

STS 332: Global Issues in Science and Technology (SB)

STS 364: Science, Technology, and National Security (SB)

STS 425: Law, Values, Science, and Technology (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Interdisciplinary Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus
LSBISBIS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. • As your first elective, you are encouraged to take OGL194 Self Leadership and Productivity
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
Mathematics (MA) (MAT 142 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Choose IDS concentration areas in collaboration with an IDS academic advisor. Available offerings are found here. • Secure a part-time job or volunteer experience.
Global Awareness (G)	3		
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) (IDS 201 recommended)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Concentration #1 Course	3	C	
Concentration #2 Course	3	C	

Cultural Diversity in the U.S. (C)	3	
Literacy and Critical Inquiry (L)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Term hours subtotal:	16	

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Concentration #1 Course	3	C	• Build your professional connections -- join the ASU Mentor Network
Concentration #2 Course	3	C	
IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Integrative Context Course	3	C	• Use Handshake to research employment opportunities.
IDS 400: Interdisciplinary Career Prep	1	C	
Upper Division Concentration #1 Course	3	C	
Upper Division Concentration #2 Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IDS 302: Integration Skills	3	C	• Explore IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process. • Gather professional references. • Apply for full-time career opportunities.
Upper Division Concentration #1 Course	3	C	
Upper Division Concentration #2 Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IDS 401: Integration: Experiential Learning	3	C	
Upper Division Concentration #1 Course	3	C	
Upper Division Concentration #2 Course	3	C	
Upper Division Integrative Context Course	3	C	
Integrative Application Course	3	C	
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Integrative Context Course
IDS 310: Integration: Cultural Contexts (C)
IDS 311: Integration: Global Contexts
IDS 312: Integrative Perspectives on Change
IDS 313: Integrative Perspectives on a Changing World
IDS 314: Integrative Perspectives on Cultural Dynamics (SB)
IDS 315: Integration: Social Contexts
IDS 316: Integration: Humanities Contexts

Integrative Application Course
IDS 140: The Nature of Knowledge Systems (HU)
IDS 302: Integration Skills
IDS 310: Integration: Cultural Contexts (C)
IDS 311: Integration: Global Contexts
IDS 312: Integrative Perspectives on Change
IDS 313: Integrative Perspectives on a Changing World
IDS 314: Integrative Perspectives on Cultural Dynamics (SB)
IDS 315: Integration: Social Contexts
IDS 316: Integration: Humanities Contexts
IDS 484: Internship

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Interdisciplinary Studies, BA

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSBISBIS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-time first-year registration information here.
Social-Behavioral Sciences (SB) (IDS 201 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Secure a part-time job or volunteer experience.
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Concentration #1 Course	3	C
Elective	3	
Term hours subtotal:	6	

- Choose IDS concentration areas in collaboration with an IDS academic advisor. Available offerings are found here.

Term 3 - B 32 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Concentration #2 Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Concentration #1 Course	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Concentration #2 Course	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

- Build your professional connections -- join the ASU Mentor Network

Term 5 - B 57 - 64 Credit Hours	Hours	Minimum Grade	Notes
IDS 400: Interdisciplinary Career Prep	1	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 6 - A 64 - 70 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IDS 302: Integration Skills	3	C	
Upper Division Concentration #1 Course	3	C	
Term hours subtotal:	6		

- Use Handshake to research employment opportunities.

Term 6 - B 70 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Concentration #1 Course	3	C	
Upper Division Concentration #2 Course	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	6

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Concentration #1 Course	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 7 - B 82 - 88 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Concentration #2 Course	3	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Concentration #2 Course	3	C	• Begin exploring IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Integrative Context Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 9 - B 106 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 401: Integration: Experiential Learning	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Integrative Context Course	3	C	
Upper Division Integrative Application Course	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Integrative Context Course	Integrative Application Course
IDS 310: Integration: Cultural Contexts (C)	IDS 140: The Nature of Knowledge Systems (HU)
IDS 311: Integration: Global Contexts	IDS 302: Integration Skills
IDS 312: Integrative Perspectives on Change	IDS 310: Integration: Cultural Contexts (C)
IDS 313: Integrative Perspectives on a Changing World	IDS 311: Integration: Global Contexts
IDS 314: Integrative Perspectives on Cultural Dynamics (SB)	IDS 312: Integrative Perspectives on Change
IDS 315: Integration: Social Contexts	IDS 313: Integrative Perspectives on a Changing World
IDS 316: Integration: Humanities Contexts	IDS 314: Integrative Perspectives on Cultural Dynamics (SB)
	IDS 315: Integration: Social Contexts
	IDS 316: Integration: Humanities Contexts
	IDS 484: Internship

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Interdisciplinary Studies (Organizational Studies), BA

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSORGBIS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Elective	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-time first-year registration information here.
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		• Secure a part-time job or volunteer experience.
Term hours subtotal:	7		

Term 3 - B 32 - 38 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IDS 300: Theories and Applications of Organizational Studies (L or SB)	3	C	• Build your professional connections -- join the ASU Mentor Network
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	
OGL 343: Social Processes in Organizations (SB)	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	• Use Handshake to research employment opportunities.
OGL 365: Special Topics	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 345: Organizational Ethics (HU)	3	C	
IDS 201: Intellectual Fusion (SB) OR IDS 301: Becoming Interdisciplinary	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
IDS 400: Interdisciplinary Career Prep	1	C	
Upper Division Elective	2		

Elective	3	
Term hours subtotal:	6	

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 302: Integration Skills	3	C	• Gather professional references. • Apply for full-time career opportunities.
★ OGL 365: Special Topics	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
OGL 355: Leading Organizational Innovation and Change	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	• Explore IDS 401 Integrative Experiential Learning opportunities. Email CISA@asu.edu to begin the process.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
OGL 360: Assessment of Leadership Effectiveness	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 401: Integration: Experiential Learning	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 357: Assessment in Organizations	3	C	
★ Upper Division Integrative Context Course	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Integrative Context Courses

IDS 310: Integration: Cultural Contexts (C)

IDS 311: Integration: Global Contexts

IDS 312: Integrative Perspectives on Change

IDS 313: Integrative Perspectives on a Changing World

IDS 314: Integrative Perspectives on Cultural Dynamics (SB)

IDS 315: Integration: Social Contexts

IDS 316: Integration: Humanities Contexts

IDS 484: Internship

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Liberal Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LABLSBLS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Cultural Diversity in the U.S. (C)	3		
Mathematics (MA) (MAT 142 recommended)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Global Awareness (G)	3		• Secure a part-time job or volunteer experience.
Historical Awareness (H)	3		
Complete 3 courses: Elective	9		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

Complete 3 courses: Elective	9	
Term hours subtotal:	16	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LST 370: Dimensions of Liberal Studies (L or HU)	3	C	• Build your professional connections -- join the ASU Mentor Network • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
★ Upper Division Humanities, Arts and Design (HU)	3	C	
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Humanities, Arts and Design (HU)	3	C	• Use Handshake to research employment opportunities. • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LST 470: Liberal Studies Seminar	3	C	• Gather professional references. • Apply for full-time career opportunities. • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
★ Upper Division Humanities, Arts and Design (HU)	3	C	
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
LST 484: Internship OR Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Humanities, Arts and Design (HU)	3	C	• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Liberal Studies, BA

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LABLSBLS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Elective	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Secure a part-time job or volunteer experience.
Elective	3		
Term hours subtotal:	7		

		Minimum	

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Grade	Notes
Historical Awareness (H)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LST 370: Dimensions of Liberal Studies (L or HU)	3	C	• Build your professional connections -- join the ASU Mentor Network • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Social-Behavioral Sciences (SB)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Social-Behavioral Sciences (SB)	3	C	• Use Handshake to research employment opportunities. • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Humanities, Arts and Design (HU)	3	C	• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Elective	3		• Gather professional references. • Apply for full-time career opportunities. • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LST 470: Liberal Studies Seminar	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map
Military Studies AA

School/College: College of Integrative Sciences and Arts
LSMILSTAA

Term 1 - A 0 - 4 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		
IDS 150: Introduction to Interdisciplinary Military Studies	3	C	
Term hours subtotal:	4		

Term 1 - B 4 - 7 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	3		

Term 2 - A 7 - 10 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	3		

Term 2 - B 10 - 13 Credit Hours	Hours	Minimum Grade	Notes
PHI 105: Intro to Ethics (HU)	3	C	• USNCC NAV 101: Naval Ethics and Leadership satisfies PHI 105
Term hours subtotal:	3		

Summer 2 13 - 16 Credit Hours	Hours	Minimum Grade	Notes
HST Elective	3	C	• USNCC NAV 102: Modern Naval History satisfies HST elective
Term hours subtotal:	3		

Term 3 - A 16 - 19 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3		
Term hours subtotal:	3		

Term 3 - B 19 - 22 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		• USNCC NAV 103: Naval Force Design and Concepts satisfies Elective
Term hours subtotal:	3		

Term 4 - A 22 - 25 Credit Hours	Hours	Minimum Grade	Notes
HST 101: Global History Since 1500 (HU & H & G)	3	C	
Term hours subtotal:	3		

Term 4 - B 25 - 28 Credit Hours	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• USNCC NAV 104: Civilian/Military Organization and Policy satisfies POS 110
Term hours subtotal:	3		

Summer 4 28 - 32 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) (BIO 130 OR SES 106 recommended)	4		
Term hours subtotal:	4		

Term 5 - A 32 - 35 Credit Hours	Hours	Minimum Grade	Notes
POS 160: Global Politics (SB & G)	3	C	• USNCC NAV 105: Introduction to Geopolitical Environment satisfies POS 160
Term hours subtotal:	3		

Term 5 - B 35 - 38 Credit Hours	Hours	Minimum Grade	Notes
CSE 180: Computer Literacy (CS)	3		
Term hours subtotal:	3		

Term 6 - A 38 - 42 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	4		

Term 6 - B 42 - 45 Credit Hours	Hours	Minimum Grade	Notes
MCO 427: Misinformation and Society	3	C	
Term hours subtotal:	3		

Summer 6 45 - 48 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	3		

Term 7 - A 48 - 51 Credit Hours	Hours	Minimum Grade	Notes
POS 361: American Foreign Policy (SB & G)	3	C	
Term hours subtotal:	3		

Term 7 - B 51 - 54 Credit Hours	Hours	Minimum Grade	Notes
Military Studies Elective	3	C	• Military Studies Electives are listed at the bottom of map.
Term hours subtotal:	3		

Term 8 - A 54 - 57 Credit Hours	Hours	Minimum Grade	Notes

Military Studies Elective	3	C	• Military Studies Electives are listed at the bottom of map.
Term hours subtotal:	3		

Term 8 - B 57 - 60 Credit Hours	Hours	Minimum Grade	Notes
IDS 350: Military Studies Interdisciplinary Capstone (L)	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Military Studies Electives

- HST 240: Introduction to Southeast Asia ((HU or SB) & G)
- HST 303: China,Japan & East Asia in World History
- HST 304: Stalin to Putin
- HST 372: Modern Middle East (SB & G & H)
- JUS 374: The Holocaust, Genocide, and Human Rights
- PAF 469: Terrorism Defense
- POS 300: Contemporary Global Controversies (SB & G)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 368: Ethics and Human Rights
- POS 465: International Organization and Law (SB & G)
- REL 366: Islam in the Modern World (HU & G)
- REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)
- SGS 303: Global Trends (SB & G)
- SGS 350: Economic Development and Globalization
- SGS 370: Geopolitics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

2022 - 2023 Major Map

Organizational Leadership, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, ASU at Cochise, ASU at Lake Havasu, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yuma, ASU at Yavapai
LSORGLBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
Mathematics (MA)	3		
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
OGL 200: Introduction to Organizational Leadership (SB)	3	C	• Secure a part-time job or volunteer experience.
OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
OGL 260: Resource Allocation in Organizations	3	C	

Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete 3 courses: Elective	9	
Term hours subtotal:	16	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	• Build your professional connections --- join the ASU Mentor Network
★ OGL 343: Social Processes in Organizations (SB)	3	C	
PMG 320: Foundations of Project Management	3	C	
OGL 340: Special Topics	3	C	
OGL 365: Special Topics	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 345: Organizational Ethics (HU)	3	C	• Use Handshake to research employment opportunities. • Consider additional OGL 340 Topics courses to fill elective credits (beyond the six required credits).
★ OGL 350: Diversity and Organizations (L & C)	3	C	
★ OGL 355: Leading Organizational Innovation and Change	3	C	
OGL 340: Special Topics	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	• Gather professional references. • Apply for full-time career opportunities. • Any upper division 3** or 4** OGL course will satisfy the OGL elective requirement. • Students may take no more than 3 credit hours of OGL 484.
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	
OGL 365: Special Topics	3	C	
OGL 484: Internship OR Elective	3		
OGL 3** Elective OR OGL 4** Elective	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C	• Any upper division 3** or 4** OGL course will satisfy the OGL elective requirement.
Complete 3 courses: Elective	9		
OGL 3** Elective OR OGL 4** Elective	3	C	
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Organizational Leadership, BA

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSORGLBA

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
OGL 200: Introduction to Organizational Leadership (SB)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

OGL 220: Behavioral Dynamics in Organizations (SB)	3	C
Elective	3	
Term hours subtotal:	6	

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Secure a part-time job or volunteer experience.
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
OGL 260: Resource Allocation in Organizations	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 50 - 57 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 300: Theory and Practice of Leadership	3	C	• Consider OGL 340 Special Topics courses for upper division electives (beyond the six credits required).
OGL 340: Special Topics	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	• Build your professional connections -- join the ASU Mentor Network
OGL 343: Social Processes in Organizations (SB)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 345: Organizational Ethics (HU)	3	C	
PMG 320: Foundations of Project Management	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ OGL 350: Diversity and Organizations (L & C)	3	C	• Any upper division 3** or 4** OGL course will satisfy the OGL elective requirement.
OGL 3** Elective OR OGL 4** Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ OGL 355: Leading Organizational Innovation and Change	3	C	• Use Handshake to research employment opportunities.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ OGL 365: Special Topics	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	• Gather professional references. • Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
Elective	3		• Any any upper division 3** or 4** OGL course will satisfy the OGL elective requirement.
OGL 3** Elective OR OGL 4** Elective	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ OGL 365: Special Topics	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
Elective OR OGL 484: Internship	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Organizational Leadership (Project Management), BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, Tempe campus, ASU at Cochise, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yavapai
LSORGLPMBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Select your career interest communities and play me3@ASU. • OGL 194 Special Topic: Self-Leadership and Productivity is highly recommended.
Mathematics (MA)	3		
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Elective	3		
Elective (OGL 194 recommended)	3		
Term hours subtotal:	16		

Term 2 16 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
OGL 200: Introduction to Organizational Leadership (SB)	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	• Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		

Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete 3 courses: Elective	9	
Term hours subtotal:	16	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	• Build your professional connections -- join the ASU Mentor Network
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change	3	C	
PMG 320: Foundations of Project Management	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	• Use Handshake to research employment opportunities.
PMG 321: Project Leadership, Strategy and Scope	3	C	
PMG 322: Project Time Management	3	C	
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PMG 326: Project Procurement Management	3	C	• Gather professional references. • Apply for full-time career opportunities. • Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	
PMG 421: Project Risk Management	3	C	
PMG 422: Project Quality Management	3	C	
OGL 484: Internship OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	• Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).
OGL 340: Special Topics	3	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Organizational Leadership (Project Management), BA

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSORGLPMBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
OGL 200: Introduction to Organizational Leadership (SB)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Secure a part-time job or volunteer experience.
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 50 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 50 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PMG 320: Foundations of Project Management	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 300: Theory and Practice of Leadership	3	C	
PMG 321: Project Leadership, Strategy and Scope	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	• Build your professional connections -- join the ASU Mentor Network
PMG 322: Project Time Management	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	
OGL 345: Organizational Ethics (HU)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	• Use Handshake to research employment opportunities.
PMG 326: Project Procurement Management	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
PMG 421: Project Risk Management	3	C	• Consider OGL 340 Special Topics courses for upper-division electives (beyond the six credits required).
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PMG 422: Project Quality Management	3	C	• Gather professional references. • Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
OGL 484: Internship OR Elective	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

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Total hrs at ASU: 30 minimum
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Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Political Science, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSPOLBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Mathematics (MA)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G)	3	C	• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 210: Political Ideologies (SB)	3	C	• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • The electives in this degree program allow room for students to complete a minor or certificate. • Secure a part-time job or volunteer experience.
Natural Science - Quantitative (SQ)	4		
Related Area Course	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		• Attend career-related workshops and meet with a career counselor to discuss professional goals.
Complete 2 courses: POS Elective	6	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 301: Empirical Political Inquiry (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR STS 301: Research in Science and Technology Studies (SB)	3	C	• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • The electives in this program allow room for students to complete a minor or certificate. • Build your professional connections --- join the ASU Mentor Network
POS Upper Division Elective	3	C	
Related Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS)	3	C	• Use Handshake to research employment opportunities.
Complete 2 courses: POS Upper Division Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	
POS 484: Internship OR Upper Division Elective	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Related Area Courses

AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR ISS OR JUS OR MIS OR PHI OR PSY OR REL OR SGS OR SOC OR STS OR TCL OR VTS OR WST Elective

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of POS courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSPGSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	• Join a student club or professional organization.
PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Secure a part-time job or volunteer experience.
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Global Awareness (G)	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Social-Behavioral Sciences (SB) AND Upper Division Psychology Core	6	C	• Build your professional connections --- join the ASU Mentor Network. • Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below. • Students will select Upper Division Psychology Electives courses from the track list below.
CED 250: Career Development (L)	3	C	
Upper Division Psychology Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Social-Behavioral Sciences (SB) AND Upper Division Psychology Core	3	C	• Use Handshake to research employment opportunities. • Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below. • Students will select Upper Division Psychology Electives courses from the track list below.
Upper Division Psychology Core	3	C	
Upper Division Psychology Electives	3	C	
Related Area Course	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Psychology Electives	3	C	• Gather professional references. • Apply for full-time career opportunities. • Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below. • Students will select Upper Division Psychology Electives courses from the track list below.
Upper Division Social-Behavioral Sciences (SB) AND Upper Division Psychology Core	3	C	
Upper Division Psychology Core	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Psychology Electives	3	C	
PSY 484: Internship OR Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Psychology Electives (12 Credit Hours Required)
PSY 304: Effective Thinking (L)
PSY 306: Environmental Psychology (SB)
PSY 315: Personality Theory and Research (SB)
PSY 325: Physiological Psychology
PSY 330: Statistical Methods (CS)
PSY 369: Biology of Human Sexuality
PSY 385: Psychology of Gender (SB)
PSY 399: Supervised Research
PSY 425: Biological Bases of Behavior (L)
PSY 430: Industrial Psychology
PSY 444: Adolescent Psychology and Psychopathology
PSY 447: Psychology of Aging (SB)
PSY 453: Organizational Behavior (SB)
PSY 470: Psychopharmacology
PSY 472: Clinical Psychology
PSY 482: Social Influence and Consumer Behavior (SB)

Upper Division Psychology Core
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)
PSY 366: Abnormal Psychology (SB)

Related Area Courses (6 Credit Hours Required)
ASB Elective
COM Elective
HSE Elective
ISS Elective
POS Elective
SOC Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSPGSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU.
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 230: Introduction to Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting SG or SQ requirements in addition to two required university general studies science courses. • Secure a part-time job or volunteer experience.
Life Science Lab Course - Applied Biological Science, Biology, or Microbiology	4	C	
Historical Awareness (H)	3		
Complete 2 courses: Elective	4		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	15

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Related Area Course	6	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Social-Behavioral Sciences (SB) AND Upper Division Psychology Core	6	C	• Network in your career interest area. • Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below. • Students will select Upper Division Psychology Electives courses from the track list below.
CED 250: Career Development (L)	3	C	
Upper Division Psychology Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 77 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Core	6	C	• Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting an SG or SQ requirement in addition to two required university general studies science courses. • Use Handshake to research employment opportunities. • Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below. • Students will select Upper Division Psychology Electives courses from the track list below.
Upper Division Psychology Electives	3	C	
Physical Science Lab Course - Astronomy - Chemistry, Geology, or Physics	4	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Electives	6	C	• Gather professional references. • Apply for full-time career opportunities. • Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below. • Students will select Upper Division Psychology Electives courses from the track list below.
Upper Division Psychology Core	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Core	6	C	• Students will select Upper Division Psychology Core AND Upper Division

Upper Division Psychology Electives	3	C
PSY 484: Internship OR Elective	3	
Term hours subtotal:	12	

Social-Behavioral Sciences (SB) Core courses from the tracks listed below.

- Students will select Upper Division Psychology Electives courses from the track list below.

Hide Course List(s)/Track Group(s)

Upper Division Psychology Electives (15 Credits)	Upper Division Psychology Core	Related Area Courses (6 Credit Hours)
PSY 304: Effective Thinking (L)	PSY 320: Learning and Motivation	ASB Elective
PSY 306: Environmental Psychology (SB)	PSY 323: Sensation and Perception	COM Elective
PSY 315: Personality Theory and Research (SB)	PSY 324: Memory and Cognition	HSE Elective
PSY 325: Physiological Psychology	PSY 330: Statistical Methods (CS)	ISS Elective
PSY 369: Biology of Human Sexuality	PSY 341: Developmental Psychology (SB)	POS Elective
PSY 385: Psychology of Gender (SB)	PSY 350: Social Psychology (SB)	SOC Elective
PSY 399: Supervised Research	PSY 366: Abnormal Psychology (SB)	
PSY 425: Biological Bases of Behavior (L)		
PSY 430: Industrial Psychology		
PSY 444: Adolescent Psychology and Psychopathology		
PSY 447: Psychology of Aging (SB)		
PSY 453: Organizational Behavior (SB)		
PSY 470: Psychopharmacology		
PSY 472: Clinical Psychology		
PSY 482: Social Influence and Consumer Behavior (SB)		

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Science, Technology and Society, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
ECSTSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STS 101: Introduction to Science, Technology and Society (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Transfer students with 64 credit hours or more transferred must take STS 304 instead of STS 101. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STS 110: Global Technology and Development (SB & G)	3	C	• It is highly recommended that STS students take a statistics course for their (CS) general studies requirement. • Transfer students with 64 credit hours or more transferred must take STS 317 instead of STS 110. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		• Secure a part-time job or volunteer experience.
Related Area Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Related Area Course	3	C
Complete 2 courses: Elective	6	
Term hours subtotal:	13	

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STS 301: Research in Science and Technology Studies (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB)	3	C	• Students must select one Upper Division Track Focus Area to complete from choices below. Please contact your advisor for further information. • Build your professional connections --- join the ASU Mentor Network
STS 305: Science and Social Theory (SB)	3	C	
Complete 2 courses: Upper Division Track Focus Area Course	6	C	
Related Area Course	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STS 303: History of Science and Technology (H)	3	C	• Use Handshake to research employment opportunities.
STS 302: Philosophy of Science and Technology (SB)	3	C	
Complete 2 courses: Upper Division Track Focus Area Course	6	C	
Related Area Course	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STS 306: Social Effects of Science and Technology (SB)	3	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Track Focus Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	18		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STS 484: Internship	3	C	
Upper Division Track Focus Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- Students must select one "Upper Division Track Focus Area" to complete from choices below.

Hide Course List(s)/Track Group(s)

Science, Technology and Society - Individualized Track Option #1	Science, Technology and Governance Track Option #2	Global Technology and Development Track Option #3
Students will work with the CISA Polytechnic Social Science faculty head and faculty to create a program of study specific to the student's areas of interest. Students will complete 18 credit hours of coursework in this Track.	POS 310: American National Government (SB)	STS 328: Science, Technology, and Culture (SB)
	STS 318: Science, Technology, and Government (SB)	STS 329: Technology in Developing Countries (SB & G)
	STS 325: Science, Technology, and Public Policy (SB)	STS 330: Information Technology and Globalization (SB & G)
	STS 331: Ethical Issues in Science and Technology (SB)	STS 331: Ethical Issues in Science and Technology (SB)
	STS 364: Science, Technology, and National Security (SB)	STS 332: Global Issues in Science and Technology (SB)
	STS 425: Law, Values, Science, and Technology (SB)	STS 364: Science, Technology, and National Security (SB)

Related Area Courses
AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR HST OR ISS OR JUS OR MIS OR PHI OR POS OR PSY OR REL OR SGS OR SOC OR SOS OR TCL OR VTS OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technical Communication, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSTECBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
MAT 142: College Mathematics (MA) OR Mathematics (MA)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor • Secure a part-time job or volunteer experience.
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Global Awareness (G)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	• Develop your professional online presence.
TWC 401: Fundamentals of Technical Communication (L)	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 421: Principles of Web Authoring (L)	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. • Use Handshake to research employment opportunities.
TWC 431: Principles of Technical Editing	3	C	
Upper Division TWC 400-level Electives	3	C	
Upper Division Related Area Course	3	C	
TWC 484: Internship OR Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 411: Principles of Visual Communication (L)	3	C	• TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year. • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. • Gather professional references.
Upper Division TWC 400-level Electives	3	C	
TWC Upper Division Elective	3	C	
Upper Division Related Area Course	3	C	
Elective	3		
Term hours subtotal:	15		

- Apply for full-time career opportunities.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	• TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.
Complete 2 courses: TWC Upper Division Elective	6	C	
Upper Division Related Area Course	3	C	
TWC 484: Internship OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

TWC 4** Electives
TWC 414: Visualizing Data and Information
TWC 422: Social Media in the Workplace
TWC 435: Global Issues in Technical Communication (G)
TWC 436: Project Management in Technical Communication
TWC 443: Grant & Proposal Writing
TWC 444: User Experience
TWC 445: Content Strategy
TWC 446: Technical and Scientific Reports (L)
TWC 451: Copyright and Intellectual Property in the Electronic Age
TWC 452: Information in the Digital Age
TWC 453: Information and Communications Technology in American History (L & H)
TWC 454: Information Technology and Culture (C)

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technical Communication, BS

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSTECBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Secure a part-time job or volunteer experience.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Related Area course	3	C
Computer/Statistics/Quantitative Applications (CS)	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	6	

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 4 - A 38 - 44 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

- Build your professional connections --- join the ASU Mentor Network

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 401: Fundamentals of Technical Communication (L)	3	C	
Upper Division Related area course	3	C	
Term hours subtotal:	6		

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 421: Principles of Web Authoring (L)	3	C	

Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

- Use Handshake to research employment opportunities.

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ TWC 431: Principles of Technical Editing	3	C
Upper Division Related area course	3	C
Term hours subtotal:	6	

Notes

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ TWC 411: Principles of Visual Communication (L)	3	C
Upper Division Related area course	3	C
Term hours subtotal:	6	

Notes

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ Upper Division TWC 400-level Electives	3	C
TWC Upper Division Elective	3	C
Term hours subtotal:	6	

Notes

- Gather professional references.
- Apply for full-time career opportunities.

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade
Upper Division TWC 400-level Electives	3	C
TWC 484: Internship OR Elective	3	
Term hours subtotal:	6	

Notes

- TWC Upper Division Elective: any TWC 400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ TWC Upper Division Elective	3	C
Elective	3	
Term hours subtotal:	6	

Notes

- TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students

are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC Upper Division Elective	3	C	• TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
TWC 484: Internship OR Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

TWC 400-level Electives

- TWC 414: Visualizing Data and Information
- TWC 422: Social Media in the Workplace
- TWC 435: Global Issues in Technical Communication (G)
- TWC 436: Project Management in Technical Communication
- TWC 443: Grant & Proposal Writing
- TWC 444: User Experience
- TWC 445: Content Strategy
- TWC 446: Technical and Scientific Reports (L)
- TWC 451: Copyright and Intellectual Property in the Electronic Age
- TWC 452: Information in the Digital Age
- TWC 453: Information and Communications Technology in American History (L & H)
- TWC 454: Information Technology and Culture (C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technical Communication (User Experience), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSTECUBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C)	3		
Mathematics (MA)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Concentration Elective Course	3	C	• Secure a part-time job or volunteer experience.
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Grade	Notes
Concentration Elective Course	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.
Related Area Course	3	C	
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	• Build your professional connections --- join the ASU Mentor Network
TWC 401: Fundamentals of Technical Communication (L)	3	C	
HSE 325: Human-Computer Interaction	3	C	
TWC Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 411: Principles of Visual Communication (L)	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. • Use Handshake to research employment opportunities.
GIT 340: Information Design and Usability	3	C	
TWC 431: Principles of Technical Editing	3	C	
Upper Division Related Area Course	3	C	
TWC 484: Internship OR Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 421: Principles of Web Authoring (L)	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. • Gather professional references. • Apply for full-time career opportunities
TWC 444: User Experience	3	C	
TWC Upper Division Elective	3	C	
Upper Division Concentration Elective Course	3	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.
TWC 4** Elective	3	C	
Upper Division Related Area Course	3	C	
TWC 484: Internship OR Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Concentration Elective Courses (9 Credits total, 3 Upper Division Credits minimum)

- GIT 210: Creative Thinking and Design Visualization
- GIT 402: New Media Internet Technologies
- HSE 224: Applied Social Science (SB)
- HSE 225: Human Systems Integration
- HSE 230: Statistics for Human Systems Research I (CS)
- HSE 290: Experimental Methods for Human Systems Research (L)
- HSE 324: Applied Cognitive Science (SB)
- HSE 390: Qualitative Research Methods (L)
- HSE 428: Judgment and Decision Making
- MCO 307: The Digital Audience
- MCO 335: Social Media
- TWC 414: Visualizing Data and Information
- TWC 436: Project Management in Technical Communication
- TWC 445: Content Strategy

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technical Communication (User Experience), BS

School/College: College of Integrative Sciences and Arts
Location: ASU Local
LSTECUBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU.
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3		• View ASU Online first-year student registration information here. • Join a student club or professional organization
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Concentration Elective Course	3	C	• Secure a part-time job or volunteer experience.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

		Minimum	

Term 3 - B 32 - 38 Credit Hours	Hours	Grade	Notes
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Concentration Elective Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Build your professional connections --- join the ASU Mentor Network
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
HSE 325: Human-Computer Interaction	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 401: Fundamentals of Technical Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 421: Principles of Web Authoring (L)	3	C	• Use Handshake to research employment opportunities.
TWC Upper Division Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 411: Principles of Visual Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
GIT 340: Information Design and Usability	3	C	
TWC 431: Principles of Technical Editing	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Area Course	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.
TWC Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Area Course	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.
TWC 484: Internship OR Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 444: User Experience	3	C	• Gather professional references. • Apply for full-time career opportunities
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry -
Upper Division Concentration Elective Course	3	C	
Term hours subtotal:	6		

courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
TWC 4** Elective	3	C	
TWC 484: Internship OR Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Concentration Elective Courses (9 credits total, minimum 3 upper division credits)

- GIT 210: Creative Thinking and Design Visualization
- GIT 402: New Media Internet Technologies
- HSE 230: Statistics for Human Systems Research I (CS)
- HSE 290: Experimental Methods for Human Systems Research (L)
- HSE 324: Applied Cognitive Science (SB)
- MCO 307: The Digital Audience
- MCO 335: Social Media
- TWC 414: Visualizing Data and Information
- TWC 436: Project Management in Technical Communication
- TWC 445: Content Strategy

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Computing, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASACOBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 101: Introduction to Computer Science (CS)	3	C	• Prerequisite MAT coursework may be required in Term 1 to prepare for MAT 210 (or higher-level MA) in Term 2. MAT 117 with a C or better serves as a prerequisite for MAT 210. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 102: Object-Oriented Programming (CS)	3	C	• Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement. • MAT 210 or higher-level (MA) accepted. MAT 251 recommended. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 201: Data Structures and Algorithms (CS)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
MAT 243: Discrete Mathematical Structures	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		

Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 240: Introduction to Programming Languages	3	C	• Explore an internship, an IGLE international experience, or ASU study abroad.
STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 5 62 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACO 320: Database Systems	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
ACO 330: Computer Networks	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACO 350: Systems Programming (CS)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Applied Computing Elective	3	C	
Upper Division Communication Elective	3	C	
Liberal Arts Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Complete ACO 320 AND ACO 330 course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Applied Computing Capstone Semester 1	3	C	• Completion of all major MAT/STP coursework (MAT 210, 243, and STP 226) and the ACO Core (101/102/201/240/320/330/350) with a C or better is required to enroll in ACO 484 and ACO 499. • ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study must include databases, networks or cyber-security; faculty approval required. • Gather professional references.
Upper Division Applied Computing Elective	3	C	
Upper Division Liberal Arts Elective	3	C	
Diversity Elective	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by		Minimum	

	Hours	Grade	Notes
Upper Division Applied Computing Capstone Semester 2	3	C	• Completion of all major MAT/STP coursework (MAT 210, 243, and STP 226) and the ACO Core (101/102/201/240/320/330/350) with a C or better is required to enroll in ACO 484 and ACO 499.
Upper Division Applied Computing Elective	3	C	
Upper Division Liberal Arts Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study must include databases, networks or cyber-security; faculty approval required.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

Upper Division Applied Computing Electives	Upper Division Applied Computing Capstone	Upper Division Communication Elective
ACO 321: Database Development & Applications	ACO 484: Internship	COM 316: Gender and Communication (SB & C)
ACO 331: Network Forensics Analysis	ACO 499: Individualized Instruction	COM 317: Nonverbal Communication (SB)
ACO 351: Governance, Risk and Compliance		COM 353: Professional Communication
ACO 361: Secure Coding Concepts		COM 371: Language, Culture, and Communication (SB & C & G)
ACO 394: Special Topics		COM 415: Risk Communication
ACO 420: Big Data Systems		COM 416: Gender and Race in the Media
ACO 421: Data Mining and Warehousing		COM 457: New Media
ACO 423: Data Science		COM 459: Theory and Methods of Social Media Networks
ACO 430: Wireless Networks		COM 471: Global Media and Cultural Identity (G)
ACO 431: Network Security		COM 477: Sport, Culture, and Discourses
ACO 432: Distributed Systems		
ACO 461: Security Operations		
ACO 494: Special Topics		

Upper Division Ethics Electives	Diversity Electives	Liberal Arts Electives
IAS 340: Bioethics (HU)	ASB 211: Women in Other Cultures ((HU or SB) & G)	AMS Elective
IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)	COM 263: Elements of Intercultural Communication (SB & C & G)	ASB Elective
IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)	ENG 317: Cross-Cultural Writing ((L or HU) & G)	COM Elective
IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)	POS 480: Global Justice (G) or SBS 480: Global Justice (G)	DST Elective
PHI 306: Applied Ethics (HU)	PSY 385: Psychology of Gender (SB)	ENG Elective
		ETH Elective
		HRC Elective

PHI 360: Business and Professional Ethics (HU)	REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G)	HST Elective
	SBS 301: Cultural Diversity ((L or SB) & C)	IAP Elective
	WST 220: Gender, Media and Culture (HU & C)	IAS Elective
		JHR Elective
		LAS Elective
		NEW Elective
		PAX Elective
		PHI Elective
		POS Elective
		PSY Elective
		REL Elective
		SBS Elective
		SOC Elective
		SPA Elective
		WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Computing (Cybersecurity), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASACOCBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 101: Introduction to Computer Science (CS)	3	C	• Prerequisite MAT coursework may be required in Term 1 to prepare for MAT 210 (or higher-level MA) in Term 2. MAT 117 with a C or better serves as a prerequisite for MAT 210. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
PSY 101: Introduction to Psychology (SB)	3	C	
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 102: Object-Oriented Programming (CS)	3	C	• Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement. • MAT 210 or higher-level (MA) accepted. MAT 251 recommended. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
COM 100: Introduction to Human Communication (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 201: Data Structures and Algorithms (CS)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
MAT 243: Discrete Mathematical Structures	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 240: Introduction to Programming Languages	3	C	• Explore an internship, an IGLE international experience, or ASU study abroad.
STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACO 320: Database Systems	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
ACO 330: Computer Networks	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACO 350: Systems Programming (CS)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
ACO 361: Secure Coding Concepts	3	C	
ACO 430: Wireless Networks	3	C	
Diversity Elective	3	C	
Elective	3		
Complete ACO 320 AND ACO 330 course(s).			
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Applied Computing Capstone Semester 1	3	C	• Completion of all required MAT/STP coursework and ACO core coursework with a C or better is required prior to enrolled in ACO 484 or ACO 499. • ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study requires faculty approval. • If planning to take ACO 402 in Term 8, ACO 401 must be taken to fulfill Upper Division Cybersecurity Elective in Term 7 (ACO 401 is a prerequisite to ACO 402).
ACO 431: Network Security	3	C	
ACO 461: Security Operations	3	C	
Upper Division Communication Elective	3	C	
Upper Division Cybersecurity Elective	3	C	
Term hours subtotal:	15		

- If ACO 394 or ACO 494 is taken to meet the Upper Division Cybersecurity Elective requirement, it must be a security-related topic. See academic advisor prior to enrollment.
- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Applied Computing Capstone Semester 2	3	C	• Completion of all major MAT/STP coursework (MAT 210, 243, and STP 226) and the ACO Core (101/102/201/240/320/330/350) with a C or better is required to enroll in ACO 484 and ACO 499. • ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study requires faculty approval. • Apply for full-time career opportunities.
ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cybersecurity Elective
ACO 331: Network Forensics Analysis
ACO 394: Special Topics
ACO 401: Managing Cyber Risks in Enterprise Business Processes
ACO 494: Special Topics
FOR 350: Computer Forensics

Upper Division Applied Computing Capstone
ACO 484: Internship
ACO 499: Individualized Instruction

Upper Division Communication Elective
COM 316: Gender and Communication (SB & C)
COM 317: Nonverbal Communication (SB)
COM 353: Professional Communication
COM 371: Language, Culture, and Communication (SB & C & G)
COM 415: Risk Communication
COM 416: Gender and Race in the Media
COM 457: New Media
COM 459: Theory and Methods of Social Media Networks
COM 471: Global Media and Cultural Identity (G)
COM 477: Sport, Culture, and Discourses

Diversity Elective
ASB 211: Women in Other Cultures ((HU or SB) & G)
COM 263: Elements of Intercultural Communication (SB & C & G)
ENG 317: Cross-Cultural Writing ((L or HU) & G)

Upper Division Ethics Elective
IAS 340: Bioethics (HU)
IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)

POS 480: Global Justice (G) or SBS 480: Global Justice (G)	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
PSY 385: Psychology of Gender (SB)	PHI 306: Applied Ethics (HU)
SBS 301: Cultural Diversity ((L or SB) & C)	PHI 360: Business and Professional Ethics (HU)
WST 220: Gender, Media and Culture (HU & C)	
WST 390: Women, Gender and Religion (HU & G) or REL 390: Women, Gender and Religion (HU & G)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Mathematics, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASMATBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 101: Introduction to Computer Science (CS)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 102: Object-Oriented Programming (CS)	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
STP 280: Probability and Statistics for Researchers (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAT 275: Modern Differential Equations (MA)	3	C
STP 281: Statistical Analysis for Researchers	3	C
Cultural Diversity in the U.S. (C)	3	
Humanities, Arts and Design (HU)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Term hours subtotal:	16	

- Explore an internship, an IGLE international experience, or ASU study abroad.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 300: Mathematical Structures (L)	3	C	
MAT 343: Applied Linear Algebra	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- IAS 300 (3 credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your professional online presence .

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 350: Techniques and Applications of Applied Mathematics	3	C	
MAT 371: Advanced Calculus I	3	C	
MAT 421: Applied Computational Methods (CS)	3	C	
Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) (MAT 411 recommended) OR Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 452: Introduction to Chaos and Nonlinear Dynamics	3	C	
Complete 2 courses: Upper Division Applied Math Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- Gather professional references.

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 450: Mathematical Models in Biology OR MAT 451: Mathematical Modeling (CS)	3	C	
Upper Division Applied Math Elective	3	C	
Upper Division Elective OR LSC 484: Internship	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- Apply for full-time career opportunities.

- Complete 9 credits. Maximum of 6 credit hours of MAT 499. If also taking MAT 492, then only 3 credit hours of MAT 499 allowed. C or better required.

Hide Course List(s)/Track Group(s)

Upper Division Applied Math Electives
ACO 320: Database Systems
ACO 331: Network Forensics Analysis
ACO 420: Big Data Systems
ACO 421: Data Mining and Warehousing
ACO 422: XML and Databases
ACO 423: Data Science
LSC 388: STEM Research Fundamentals (L)
MAT 419: Introduction to Linear Optimization (CS)
MAT 429: Optimization
MAT 443: Introduction to Abstract Algebra
MAT 445: Theory of Numbers
MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS)
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MAT 472: Intermediate Real Analysis I
MAT 484: Internship
MAT 492: Honors Directed Study
MAT 494: Special Topics
MAT 499: Individualized Instruction
STP 310: Design and Analysis of Experiments
STP 311: Regression and Time Series Analyses
STP 421: Probability
STP 427: Mathematical Statistics
STP 450: Nonparametric Statistics

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science, BAS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASBASBAS

- Students may complete the BAS program requirements in 45-60 upper-division credit hours, determined by choice of area of concentration and number of general studies requirements completed in AAS degree.
- Working with an advisor, students will select a minor available at ASU or construct an individualized concentration with a coherent theme or purpose.

Applicable Community College Prerequisites 0 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 72 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IAS 300: Career Strategies and Personal Resilience (L or SB)	3	C	• Core requirements and area of concentration courses may be used to apply toward general studies requirements, as allowed. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. • Create a first draft resume. • Join a student club or professional organization.
IAP 361: Digital Editing and Media Literacy (CS) OR PHI 319: Philosophy, Computing and Artificial Intelligence (CS)	3	C	
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	12		

Term 6 72 - 87 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
Upper Division Concentration Course	3	C	• Students should work with their academic advisor to determine any needed general studies requirements and take those in place of electives. • Secure a part-time job or volunteer experience.
IAS 305: Work and Identity (SB) OR COM 316: Gender and Communication (SB & C)	3	C	
Upper Division Aesthetics/Creativity AND Humanities, Arts and Design (HU)	3	C	
Upper Division Elective	3		

	Any needed lower division General Studies requirement OR Elective	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	15	

- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentoring Network.
- Explore an internship, an IGLE international experience, or ASU Study Abroad.

Term 7 87 - 102 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ *Complete 2 courses:* Upper Division Concentration Course	6	C	• Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. • Use Handshake to research employment opportunities.
ENG 301: Writing for the Professions (L)	3	C	
Upper Division Ethics AND Upper Division Humanities, Arts and Design (HU)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 102 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
Complete 3 courses: Upper Division Concentration Course	9	C	• Complete an in person or virtual practice interview. • Gather professional references. • Apply for full-time career opportunities.
ENG 311: Persuasive Writing (L)	3	C	
★ IAS 480: Capstone: Practices and Approaches OR IAS 484: Internship	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	18		

Hide Course List(s)/Track Group(s)

Aesthetics/Creativity
ARS 300: Introduction to Art (HU)
IAP 301: Energetic Systems of Art: Collaboration in the Arts (HU)
IAP 307: Art and War (HU & G)
IAP 464: Media and Diversity (HU & G)
MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H)
MUS 347: Jazz in America (HU & C)
MUS 349: Music in America (HU & H)
MUS 354: Popular Music
MUS 355: American Music (HU & C & H)
MUS 410: History of Women in Music (HU & C & H)
THE 320: History of the Theatre I (HU & H)
THE 321: History of the Theatre II (HU & H)

Ethics
IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)
IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
IAS 410: Evolution of Ideas (L or HU)
IAS 430: Science and Religion (L or HU)
PHI 306: Applied Ethics (HU)
PHI 318: Philosophy of Religion (HU)
PHI 360: Business and Professional Ethics (HU)
PHI 408: Feminist Ethics (HU)

REL 401: Sacred Scriptures and Social Choices (HU & G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASLSCBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• MAT 170 (MA) or higher-level (MA) accepted. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 29 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cognate Requirement Set A OR Cognate Requirement Set B	4	C	• Students will complete one of two sets of Cognate coursework over two terms. Choose either Set A or B below. • The only students who need the two semester sequence of organic chemistry courses (CHM 233, CHM 237, CHM 234 and CHM 238) are those who plan to apply to a graduate school in a health profession. All that is required for the degree is CHM 231 and CHM 235. • If students select the two semester sequence of organic chemistry, then they will take
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

CHM 234 and 238 in place of elective credits in Term 4.
- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

Term 4 43 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cognate Requirement Set A OR Cognate Requirement Set B	4	C	• Students will complete remaining option in chosen set of Cognate coursework. • If students plan to apply to a graduate school in a health profession and completed CHM 233 and CHM 237 in Term 3, then they should take CHM 234 and CHM 238 in Term 4 (C or better required) instead of electives. • Students who elected to take CHM 231 and CHM 235 in Term 3 should take four credit hours of electives in Term 4. • Explore an internship, an IGLE international experience, or ASU study abroad.
Computer/Statistics/Quantitative Applications (CS) (STP 226 recommended)	3		
Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Elective (CHM 234 recommended)	3		
Elective (CHM 238 recommended)	1		
Complete CHM 113 and CHM 116 course(s).			
Term hours subtotal:	17		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LSC 347: Fundamentals of Genetics	3	C	• Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Biology Electives	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 353: Cell Biology	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
BIO 320: Fundamentals of Ecology	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Global Awareness (G)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Biology Electives	6	C	• Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment. • Gather professional references.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Biology Electives	6	C	• Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment. • Apply for full-time career opportunities.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Upper Division Biology Electives

- Up to 3 credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 or BIO 495 may be applied to this requirement.
- Upper division BCH, BIO, ENV, LSC, MIC, PLB, or PTX courses may only apply if BIO 182 or higher is required as a prerequisite (or with prior approval from advising). 394/494 Special Topics must be pre-approved.

Hide Course List(s)/Track Group(s)

Upper Division Biology Elective Courses	Cognate Requirement Set A	Cognate Requirement Set B
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
BIO 331: Animal Behavior	PHY 101: Introduction to Physics (SQ)	PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)
BIO 345: Evolution		
BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory		
BIO 370: Vertebrate Zoology		
BIO 385: Comparative Invertebrate Zoology		
BIO 412: Conservation in Practice		
BIO 422: Ecosystem Ecology		

- BIO 431: Genes, Development, and Evolution (L)
- BIO 438: Marine Biology
- BIO 443: Applied Molecular Genetics and Genomics
- BIO 474: Herpetology
- ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment
- ENV 410: Soil Science
- LSC 362: The Human Environment
- LSC 363: Genes, Race, Gender, and Society (L)
- LSC 369: Biology of Human Sexuality
- LSC 434: Marine Ecology
- MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory
- PLB 300: Plant Diversity and Evolution (L or SG)
- PLB 302: Plants and Civilization (L)
- PLB 308: Plant Physiology
- PLB 310: The Flora of Arizona
- PTX 301: Basics of Pharmacology and Toxicology
- PTX 432: Fundamentals of Pharmacology or LSC 432: Fundamentals of Pharmacology
- BIO 495: Undergraduate Research
- LSC 388: STEM Research Fundamentals (L)
- LSC 493: Honors Thesis (L) or BIO 493: Honors Thesis (L)
- LSC 499: Individualized Instruction or BIO 499: Individualized Instruction
- LSC 484: Internship
- BCH Upper Division Elective
- BIO Upper Division Elective
- ENV Upper Division Elective
- LSC Upper Division Elective
- MIC Upper Division Elective
- PLB Upper Division Elective
- PTX Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASLSCBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• MAT 210 or higher-level (MA) accepted. MAT 251 (MA) recommended. Students considering research or graduate/medical/professional school may consider the MAT 270 and MAT 271 calculus sequence as an alternative (this may require more than 120 credits to complete degree). • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Students taking MAT 270 AND MAT 271 in place of MAT 210 still must complete a Statistics course. Students wishing to take STP 226 can take MAT 271 in place of STP 226 in Term 2, and then take STP 226 in a later term. • Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are pre-requisites for STP 280 and 281 respectively. This may require more than 120 hours to complete the degree. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Elective	2		
Complete CHM 113, CHM 116 course(s).			
Term hours subtotal:	16		

Term 5 60 - 76 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	• See note below regarding Upper Division Related Area Elective requirements. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Related Area Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Historical Awareness (H)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

		Minimum	

Term 7 90 - 106 Credit Hours Necessary course signified by	Hours	Grade	Notes
Upper Division Distribution Course	4	C	• Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: Cellular, Molecular, and Physiological Biology; Integrative Systems Ecology; Organismal Biology. • See note below regarding Upper Division Related Area Elective requirement. • Gather professional references.
Upper Division Related Area Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) (ASB 353 OR SOC 353 recommended)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Distribution Course	8	C	• Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: Cellular, Molecular, and Physiological Biology; Integrative Systems Ecology; Organismal Biology. • Apply for full-time career opportunities.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Term hours subtotal:	14		

- • Students must select a minimum of one lecture or lecture/lab combined course from each of the three Biology Distribution Areas: Cellular, Molecular and Physiological Biology; Integrative Systems Ecology; and Organismal Biology.
  • Upper Division Related Area Electives limited to courses designated for Biology (or related) majors in BCH, BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Courses taken that do not require BIO 182 as a prerequisite will be used towards General University Elective requirements. Not from BIO 305, 310, 312, 365. Special Topics 394/494 may be taken with prior approval. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to this requirement.

Hide Course List(s)/Track Group(s)

Cellular, Molecular and Physiological Biology Distribution Course List	Integrative Systems Ecology Distribution Course List	Organismal Biology Distribution Course List
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	BIO 345: Evolution	BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory
BIO 431: Genes, Development, and Evolution (L)	BIO 412: Conservation in Practice	BIO 370: Vertebrate Zoology
BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory	BIO 422: Ecosystem Ecology	BIO 385: Comparative Invertebrate Zoology
PTX 301: Basics of Pharmacology and Toxicology	BIO 438: Marine Biology	BIO 474: Herpetology
	ENV 410: Soil Science	ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment
	LSC 362: The Human Environment	MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory
	LSC 434: Marine Ecology	

PTX 432: Fundamentals of Pharmacology or LSC 432: Fundamentals of Pharmacology	PLB 300: Plant Diversity and Evolution (L or SG)	PLB 302: Plants and Civilization (L)
		PLB 308: Plant Physiology
		PLB 310: The Flora of Arizona

Upper Division Related Area Electives
BCH Upper Division Elective
BIO Upper Division Elective
ENV Upper Division Elective
LSC Upper Division Elective
PLB Upper Division Elective
PTX Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biology (Pharmacology/Toxicology), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASLSCPBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• MAT 210 or higher-level (MA) accepted. MAT 251 recommended. Students considering graduate school or research may consider the MAT 270 and MAT 271 calculus sequence as an alternative. This may require more than 120 credit hours to complete the degree. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Students can take MAT 271 in Term 2 and STP 226 in a later term. • Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are pre-requisites for STP 280 and 281, respectively. This may require more than 120 hours to complete the degree. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
BIO 201: Human Anatomy and Physiology I (SG)	4	C	

CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C
Social-Behavioral Sciences (SB)	3	
Complete CHM 113, CHM 116 course(s).		
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	• Explore an internship, an IGLE international experience, or ASU study abroad.
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
LSC 362: The Human Environment	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Humanities, Arts and Design (HU)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	
Historical Awareness (H)	3		
Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) (ASB 353 OR SOC 353 recommended)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 104 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	4	C	• Gather professional references.
PTX 432: Fundamentals of Pharmacology OR LSC 432: Fundamentals of Pharmacology	3	C	
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory	4	C	
Upper Division Language and Cultures: Requirement satisfied through the following:			

* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Term hours subtotal:	14	

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PTX 475: Principles of Toxicology OR LSC 475: Principles of Toxicology	3		• Apply for full-time career opportunities.
BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory	4	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	16		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biotechnology and Bioenterprise, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASBITEBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• MAT 210 or higher-level MA accepted. MAT and STP requirements differ according to Focus Area selection: (1) Biotechnology: MAT 210 or higher-level (MA), STP 226. (2) Bioentrepreneurship: MAT 210 or higher-level (MA), STP 226. (3) Biostatistics: MAT 270, MAT 271, STP 280, STP 281. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
CHM 113: General Chemistry I (SQ)	4	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15-16		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Focus Area determines STP course in Term 2: for Biotechnology or Bioentrepreneurship Focus Area, complete STP 226; for Biostatistics Focus Area, complete STP 280. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 29 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	• General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor. • Develop your research skills. • Develop your professional skills.
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		

Elective	3		• Build your professional connections -- join the ASU Mentor Network.
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 43 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Focus Area Course	4-3	C	• Students choosing the Bioentrepreneurship Focus Area should complete TMC 110 as their first Focus Area course. • Explore an internship, an IGLE international experience, or ASU Study Abroad.
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
PHY 101: Introduction to Physics (SQ)	4	C	
TEM 230: Creativity and Business Innovation	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	18-17		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	• General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	15		

Term 6 76 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Focus Area Course	4-3	C	• IAS 300 (3 credit hours) is required for all transfer students. • General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16-15		

Term 7 92 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory	4	C	• Students in the Biostatistics Focus Area and the Bioentrepreneurship Focus Area complete a Focus Area course in this term. • General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor. • Gather professional references.
Focus Area Course	0-3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	13-16		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LSC 484: Internship	3	C	• Students in the Bioentrepreneurship Focus Area complete a Focus Area course in this term. • General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor. • Apply for full-time career opportunities.
Focus Area Course	0-3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6-5		
Term hours subtotal:	15-17		

- Students select one Focus Area and complete all courses listed for that Focus Area. General Elective credit hours will be adjusted depending on chosen Focus Area. Please consult your advisor.

Hide Course List(s)/Track Group(s)

Biostatistics Focus Area	Biotechnology Focus Area	Bioentrepreneurship Focus Area
MAT 271: Calculus with Analytic Geometry II (MA)	BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	TMC 110: Understanding the Enterprise
STP 281: Statistical Analysis for Researchers	BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory	TMC 310: Promotion of the Enterprise
STP 310: Design and Analysis of Experiments		TMC 320: Funding the Enterprise
		TMC 330: Leading the Enterprise

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

Total College Residency Hrs: 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Communication, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASCOMMBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3	C	
NEW 101-S: The ASU New College Experience	1		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 207: Introduction to Communication Inquiry	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Explore an internship, an IGLE international experience, or ASU Study Abroad.
COM Elective	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
COM Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM Upper Division Elective	3	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
COM Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ *Complete 2 courses:* COM Upper Division Elective	6	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Gather professional references.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ *Complete 2 courses:* COM Upper Division Elective	6	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Apply for full-time career opportunities.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Communication, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASCOMMBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• Student should consult an advisor on (MA) course selection to ensure pre-requisites for selected Statistics/Research requirement are met. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 207: Introduction to Communication Inquiry	3	C	• Student should select PSY 101 to meet (SB) requirement if interested in taking PSY 230 to satisfy 3 credit hours of Statistics/Research requirement. • Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) (PSY 101 recommended)	3		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
	Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
PSY 330: Statistical Methods (CS) OR SBS 304: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
COM Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: COM Upper Division Elective	6	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
COM Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ *Complete 2 courses:* COM Upper Division Elective	6	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Gather professional references.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* COM Upper Division Elective	6	C	• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements. • Apply for full-time career opportunities.
Upper Division Elective OR COM 484: Internship	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computational Forensics, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASCPFBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 101: Introduction to Computer Science (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your career interest area and play me3@ASU. • Activate your Handshake account and build out your profile.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FOR 105: Physical Evidence and the Crime Scene (SQ)	4	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 102: Object-Oriented Programming (CS)	3	C	• Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures Requirement. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FOR 106: Biology Behind the Crime Scene (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
ACO 131: Global Cybersecurity (G)	3	C	
ACO 201: Data Structures and Algorithms (CS)	3	C	
STP 280: Probability and Statistics for Researchers (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAT 275: Modern Differential Equations (MA)	3	C
ACO 240: Introduction to Programming Languages	3	C
MAT 243: Discrete Mathematical Structures OR MAT 300: Mathematical Structures (L)	3	C
STP 281: Statistical Analysis for Researchers	3	C
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	15	

- Explore an internship, ASU study abroad, or an IGLE international experience.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade
MAT 343: Applied Linear Algebra	3	C
STP 310: Design and Analysis of Experiments	3	C
ACO 320: Database Systems	3	C
STP 311: Regression and Time Series Analyses	3	C
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Term hours subtotal:	15	

Notes:
- IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101.
- Thinking about graduate school? Consider registering for a graduate test prep course.
- Develop your professional online presence.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade
MAT 350: Techniques and Applications of Applied Mathematics	3	C
STP 450: Nonparametric Statistics	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Upper Division Elective	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Notes:
- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade
ACO 423: Data Science	3	C
Humanities, Arts and Design (HU)	3	
Complete 2 courses: Upper Division Computational Forensics Elective	6-8	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	15-17	

Notes:
- Gather professional references.

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade
FOR 350: Computer Forensics	3	C
Complete 2 courses: Computational Forensics Elective	6-8	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15-17	

Notes:
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

Computational Forensics Elective
ACO 321: Database Development & Applications
ACO 420: Big Data Systems
BIO 181: General Biology I (SQ)
BIO 182: General Biology II (SG)
CHM 113: General Chemistry I (SQ)
CHM 116: General Chemistry II (SQ)
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II
FOR 286: Principles of Forensic Science
FOR 402: Forensic Biology
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory
MAT 421: Applied Computational Methods (CS)
MAT 450: Mathematical Models in Biology
MAT 452: Introduction to Chaos and Nonlinear Dynamics

Upper Division Computational Forensics Elective
ACO 321: Database Development & Applications
ACO 420: Big Data Systems
FOR 402: Forensic Biology
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory
MAT 421: Applied Computational Methods (CS)
MAT 450: Mathematical Models in Biology
MAT 452: Introduction to Chaos and Nonlinear Dynamics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Conflict Resolution, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASCNRBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H or NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-H or NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience OR NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3	C	
Literacy and Critical Inquiry (L)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 222: Argumentation (L) OR COM 230: Small Group Communication (SB) OR COM 263: Elements of Intercultural Communication (SB & C & G)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Historical Awareness (H)	3	C	
Humanities, Arts and Design (HU)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
Elective	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAX 230: Introduction to Peace Studies (G) OR JHR 100: Introduction to Social Justice and Human Rights (SB & G)	3	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Humanities, Arts and Design (HU)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 312: Communication, Conflict, and Negotiation	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course . • Develop your professional online presence. • Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours.
Complete 2 courses: Upper Division Conflict Resolution Focus Area Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Conflict Resolution Focus Area Course	6	C	• Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Conflict Resolution Focus Area Course	9	C	• Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours. • Conflict Resolution Program Elective: choose six credit hours from any focus
Conflict Resolution Program Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies	3	C	

	requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.		
	Term hours subtotal:	15	

area, or three credit hours from any focus area plus three credit hours from COM 484, COM 493 or COM 499.

- Gather professional references.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Conflict Resolution Focus Area Course	6	C	• Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours. • Conflict Resolution Program Elective: choose six credit hours from any focus area, or three credit hours from any focus area plus three credit hours from COM 484, COM 493 or COM 499. • Apply for full-time career opportunities.
Conflict Resolution Program Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

- Upper Division Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours. Substitutions are allowed with faculty approval, including COM 394 or 494 Special Topics courses.

Hide Course List(s)/Track Group(s)

Relational/Interpersonal Conflict	Work and Organizational Conflict	Global/Intercultural Conflict
COM 310: Relational Communication (SB)	COM 414: Crisis Communication	COM 316: Gender and Communication (SB & C)
COM 319: Persuasion and Social Influence (SB)	COM 415: Risk Communication	COM 342: Oral History and Storytelling
COM 342: Oral History and Storytelling	COM 423: Facilitating Collaboration and Dialogue	COM 371: Language, Culture, and Communication (SB & C & G)
COM 411: Communication in the Family (SB)	COM 430: Leadership in Group Communication	COM 416: Gender and Race in the Media
COM 417: Communication and Aging	COM 451: Communication and Work Relationships	COM 463: Intercultural Communication in a Global Context (SB & G)
COM 423: Facilitating Collaboration and Dialogue		POS 480: Global Justice (G) or SBS 480: Global Justice (G)
COM 432: Forgiveness and Reconciliation		SOC 445: Globalization, Development, and Resistance (SB & G)

Conflict in Political and Social Systems	Conflict Resolution Program Elective
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)	COM 484: Internship
COM 319: Persuasion and Social Influence (SB)	COM 493: Honors Thesis (L)
COM 421: Rhetoric of Social Issues (HU)	COM 499: Individualized Instruction

COM 422: Advanced Argumentation (L)

ENG 456: Studies in Forensic Linguistics or PAX 456: Studies in Forensic Linguistics or SBS 456: Studies in Forensic Linguistics

HST 355: Total War and the Crisis of Modernity (SB & G & H)

HST 454: History of Genocide (G & H)

POS 470: Law and the Political Order (SB)

SOC 352: Social Change (SB & G & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Disability Studies, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASDISASBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DST 101: Introduction to Disability Studies (C)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your career interest communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Develop your skills.
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Grade	Notes
Global Awareness (G)	3		• Explore an internship, an IGLE international experience or ASU Study Abroad.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Develop your professional online presence.
Complete 2 courses: Upper Division Disability Studies Elective	6	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DST 322: Social and Cultural Implications of the Many Forms of Disability OR DST 458: Disability and Communication Advocacy	3	C	• Use Handshake to research employment opportunities.
Complete 2 courses: Upper Division Disability Studies Elective	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Disability Studies Elective	6	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DST 493: Honors Thesis OR HRC 480: Capstone: Practices and Approaches (L) OR IAS 484: Internship	3	C	
Complete 2 courses:			

Upper Division Disability Studies Elective	6	C
Elective	3	
Term hours subtotal:	12	

- Disability Studies Electives: Complete eight courses (24 credit hours) from the list below with a C or better. DST 322 and DST 458 may only apply once each to either the Core requirements or the Disability Studies Electives.

Hide Course List(s)/Track Group(s)

Upper Division Disability Studies Electives

AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)

AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C)

ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)

BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)

COM 421: Rhetoric of Social Issues (HU)

DST 322: Social and Cultural Implications of the Many Forms of Disability

DST 394: Civil Rights Law and Accessibility Compliance

DST 394: Disability History

DST 394: Disability Studies Memoir and Writing or ENG 394: Disability Studies Memoir and Writing

DST 394: International Disability Issues

DST 394: Special Topics

DST 458: Disability and Communication Advocacy

DST 494: Disability & Media: The Politics of Representation or COM 494: Disability & Media: The Politics of Representation

DST 494: Disability and Aesthetics or ENG 494: Disability and Aesthetics or IAP 494: Disability and Aesthetics

DST 494: Gender, Sexuality, and Disability

DST 494: Special Topics

ENG 469: Science and Literature or DST 469: Science and Literature

HRC 494: Veterans and Critical Disability Studies

IAP 494: Accessibility in Digital Arts and Design

JMC 366: Journalism Ethics and Diversity

JUS 301: Research in Justice Studies (SB)

JUS 437: The Social Construction of Disability and Justice

JUS 494: Policy, Advocacy and Disability

PRM 364: Foundations of Recreation Therapy (SB)

SOC 352: Social Change (SB & G & H)

SOC 400: Perspectives on Aging (SB)

SOC 426: Social Inequalities (SB)

WST 444: Gender, Health, and Bodies (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Disability Studies, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASDISASBA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (three credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DST 101: Introduction to Disability Studies (C)	3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3	C	• Review the Career Guide for ASU Online students to learn about available career planning resources.
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Create a first draft resume.
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Build your professional skills.
Elective	3		

Term hours subtotal:	6

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Build your professional connections -- join the ASU Mentor Network.
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		• Explore an IGLE international experience or ASU Study Abroad.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Disability Studies Elective	3	C	• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DST 322: Social and Cultural Implications of the Many Forms of Disability OR DST 458: Disability and Communication Advocacy	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Disability Studies Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Disability Studies Elective	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course.
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Disability Studies Elective	3	C	• Create your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Disability Studies Elective	3	C	• Use Handshake to research employment opportunities.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Disability Studies Elective	3	C	• Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Disability Studies Elective	3	C	• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Disability Studies Elective	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DST 493: Honors Thesis OR HRC 480: Capstone: Practices and Approaches (L) OR IAS 484: Internship	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

- Disability Studies Electives: Complete eight courses (24 credit hours) from the list below with a C or better. DST 322 and DST 458 may only apply once each to either the Core Requirements or the Disability Studies Electives.

Hide Course List(s)/Track Group(s)

Upper Division Disability Studies Electives
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C)
ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
DST 322: Social and Cultural Implications of the Many Forms of Disability
DST 394: Civil Rights Law and Accessibility Compliance
DST 394: Disability History
DST 394: Disability Studies Memoir and Writing
DST 394: International Disability Issues
DST 394: Special Topics
DST 458: Disability and Communication Advocacy
DST 494: Disability & Media: The Politics of Representation
DST 494: Disability and Aesthetics or IAP 494: Disability and Aesthetics
DST 494: Gender, Sexuality, and Disability
DST 494: Special Topics
ENG 469: Science and Literature or DST 469: Science and Literature
HRC 494: Veterans and Critical Disability Studies
IAP 494: Accessibility in Digital Arts and Design

JUS 301: Research in Justice Studies (SB)

PRM 364: Foundations of Recreation Therapy (SB)

SOC 352: Social Change (SB & G & H)

SOC 400: Perspectives on Aging (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASENGBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
ENG Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Global Awareness (G)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ENG Elective	6	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: English Distribution Course	6	C	• Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: English Distribution Course	6	C	• Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division English Distribution Course	6	C	• Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. Individual courses do not apply to more than one cluster. Consult your
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR IAS 484: Internship	3		
Elective	3		

	Term hours subtotal:	15	

academic advisor to determine where best to apply each course.

- Gather professional references.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division English Distribution Course	6	C	• Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course. • Apply for full-time career opportunities.
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course.

Hide Course List(s)/Track Group(s)

Writing, Power, Change	Climate, Energy, Infrastructure	Borders, Boundaries, Citizenship
ENG 205: Introduction to Writing, Rhetorics and Literacies (L)	ENG 245: Popular Culture Issues	ENG 221: Survey of English Literature (HU)
ENG 213: Introduction to the Study of Language	ENG 324: Horror: Film and Short Stories	ENG 222: Survey of English Literature (HU & H)
ENG 217: Writing Reflective Essays (L)	ENG 342: 20th-Century British and Irish Literature (HU)	ENG 241: Literatures of the United States to 1860 ((L or HU) & C)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	ENG 367: Environmental Issues in Literature and Film (L or HU)	ENG 242: Literatures of the United States, 1860 to Present (HU)
ENG 288: Beginning Creative Writing Workshop in Fiction	ENG 369: Science Fiction Studies	ENG 328: The Novel to Jane Austen (HU & H)
ENG 311: Persuasive Writing (L)	ENG 378: Environmental Creative Nonfiction (L or HU)	ENG 333: American Ethnic Literature
ENG 317: Cross-Cultural Writing ((L or HU) & G)	ENG 415: Studies in Medieval Literature and Culture (HU)	ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
ENG 323: Rhetoric and Grammar (L)	ENG 416: Chaucer in Middle English (HU)	ENG 342: 20th-Century British and Irish Literature (HU)
ENG 339: Creating Dramatic Works: Page to Stage to Screen	ENG 471: Literature for Young Adults (HU)	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ENG 352: Short Story (L or HU)	ENG 498: Reading Englands Literary Landscapes (L)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)		ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)		ENG 379: Travel Writing (L)
ENG 361: Scriptwriting		

ENG 379: Travel Writing (L)

ENG 394: Print and the Protest

ENG 410: Writing for Publication

ENG 416: Chaucer in Middle English (HU)

ENG 425: Studies in Romanticism (HU)

ENG 433: Literary Magazine Publishing: Canyon Voices or ENG 494: Canyon Voices

ENG 437: The American Novel, 1900 - 1960 (L or HU)

ENG 440: Studies in American Literature and Culture

ENG 472: Rhetorical Studies (L)

Bodies, Intersections, Transitions

ENG 203: Introduction to Health Humanities (HU)

ENG 324: Horror: Film and Short Stories

ENG 323: Rhetoric and Grammar (L)

ENG 333: American Ethnic Literature

ENG 369: Science Fiction Studies

ENG 421: Studies in Shakespeare (L or HU)

ENG 431: Whitman and Dickinson (L or HU)

ENG 443: Gender, Culture and Literacy

ENG 454: Gender and Literature (L or HU) or WST 454: Gender and Literature (L or HU)

ENG 461: Studies in Women and Literature

ENG 472: Rhetorical Studies (L)

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 494: Disrupting Dis/Ability Discourses

ENG 494: Weird Fiction: Films and Short Stories

ENG 386: American Gothic

ENG 394: Oral History & Storytelling in Humanities & Arts

ENG 420: Multicultural Autobiographies ((L or HU) & C)

ENG 432: The American Renaissance (HU)

ENG 457: Studies in American Poetry (HU)

ENG 462: Africana Literature (HU & G)

ENG 498: Reading Englands Literary Landscapes (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English (Secondary Education), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASENGSEBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H. • By the end of Term 5, a minimum 2.25 cumulative GPA is required in order to progress into the Secondary Education Certificate. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective (TEL 111 recommended)	3		
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• GCU 113 satisfies the US and AZ constitution requirement for teacher certification. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS) (CIS 105 OR EDT 180 recommended)	3		
Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Complete 2 courses: ENG Elective	6	C	

Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literature & Culture, Pre-1860	3	C	• BLE 220 satisfies the requirement for a Structured English Immersion Endorsement (For Certified Teachers). This Endorsement authorizes the holder to teach one or more English language learners in the area they are appropriately certified. • Apply for an identity verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed prior to enrolling in Term 6 education courses and internship. • Explore an internship, an IGLE international experience, or ASU study abroad.
Humanities, Arts and Design (HU) (TEL 212 recommended)	3		
Literacy and Critical Inquiry (L) (BLE 220 recommended)	3		
Complete 2 courses: ENG Elective	6	C	
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Identities, Communities, & Social Practices	3	C	• Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit a copy of your IVP fingerprint card. • An ENG upper-division special topics course will satisfy the Identities, Communities, and Social Practices requirement if the course topic focuses explicitly upon issues of identities, communities, and social practice. Please see your academic advisor before enrollment. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
IAS 300: Career Strategies and Personal Resilience (L or SB) OR Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: ENG Upper Division Elective	6	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	• During your internship, you will work alongside a mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in Terms 6-8. • An ENG upper-division special topics course will satisfy the Transnational, Linguistic, & Textual Circulation requirement if the course topic focuses explicitly upon issues of transnationalism & textual circulation. Please see your academic advisor before enrollment.
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
Literature and Culture, Post-1860	3	C	
Theories and Practices of Writing	3	C	
Transnational, Linguistic, & Textual Circulation	3	C	
Elective (TEL 366 recommended)	1		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
	Term hours subtotal:	16	

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 482: Methods of Teaching English: Language (L)	3	C	• All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching. • During your internship, you will work alongside a mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in Terms 6-8. • Reliable transportation is required to get to school sites in Terms 7 and 8. • Gather professional references.
★ TEL 332: Disciplinary Literacy Methods	3	C	
★ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
Upper Division Elective (TEL 340 recommended)	3		
TEL 477: Internship: Advanced	2	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
★ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 471: Professional Educator Series: The Principled Educator	1	C	• Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. • Students seeking teacher certification must pass required educator exams. Speak to your education advisor to plan appropriately. • Apply for full-time career opportunities.
★ TEL 488: Student Teaching	11	C	
★ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Distribution Clusters: Complete one course from each distribution cluster below (15 credits total). At least two courses from the cluster requirements must be at the 400-level.

English Electives: Complete 18 credit hours of English electives. A minimum of six upper-division credit hours required.

First-year composition courses (ENG 101, ENG 102, ENG 105, ENG 107, and ENG 108) do not apply. ENG 499 Individualized Instruction may be used to fulfill an English Elective one time only for a maximum of three credit hours.

Hide Course List(s)/Track Group(s)

Literature & Culture, Pre-1860	Literature & Culture, Post-1860	Transnational, Linguistic, & Textual Circulation
ENG 221: Survey of English Literature (HU)	ENG 222: Survey of English Literature (HU & H)	ENG 213: Introduction to the Study of Language
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	ENG 242: Literatures of the United States, 1860 to Present (HU)	ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 315: Medieval Literature in Translation	ENG 334: The American Southwest in Literature and Film ((L or HU) & C)	ENG 333: American Ethnic Literature
ENG 321: Shakespeare (L or HU)		

ENG 328: The Novel to Jane Austen (HU & H)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 415: Studies in Medieval Literature and Culture (HU)

ENG 416: Chaucer in Middle English (HU)

ENG 421: Studies in Shakespeare (L or HU)

ENG 423: Renaissance Drama (L or HU)

ENG 425: Studies in Romanticism (HU)

ENG 432: The American Renaissance (HU)

ENG 440: Studies in American Literature and Culture

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 369: Science Fiction Studies

ENG 386: American Gothic

ENG 431: Whitman and Dickinson (L or HU)

ENG 437: The American Novel, 1900 - 1960 (L or HU)

ENG 438: American Novel Since 1960 (L or HU)

ENG 440: Studies in American Literature and Culture

ENG 450: The British Novel (HU)

ENG 471: Literature for Young Adults (HU)

ENG 478: Studies in Modernism

ENG 479: Studies in Postmodernism (HU & G)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 379: Travel Writing (L)

ENG 413: History of English Language (HU)

ENG 462: Africana Literature (HU & G)

ENG 498: Reading Englands Literary Landscapes (L)

NEW 300: International Cities

Identities, Communities, & Social Practices

ENG 312: English in its Social Setting (L or HU or SB)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 400: History of Literary Criticism (L or HU)

ENG 401: Topics in Critical Theory

ENG 420: Multicultural Autobiographies ((L or HU) & C)

ENG 440: Studies in American Literature and Culture

ENG 454: Gender and Literature (L or HU) or WST 454: Gender and Literature (L or HU)

ENG 456: Studies in Forensic Linguistics

ENG 460: Ethnic Women Writers

ENG 461: Studies in Women and Literature

ENG 462: Africana Literature (HU & G)

ENG 463: African American Literature

ENG 472: Rhetorical Studies (L)

ENG 479: Studies in Postmodernism (HU & G)

Theories and Practices of Writing

ENG 205: Introduction to Writing, Rhetorics and Literacies (L)

ENG 311: Persuasive Writing (L)

ENG 323: Rhetoric and Grammar (L)

ENG 335: American Poetry

ENG 361: Scriptwriting

ENG 379: Travel Writing (L)

ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice

ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice

ENG 410: Writing for Publication

ENG 457: Studies in American Poetry (HU)

ENG 490: Literary Forms: Theory and Practice in Poetry

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Environmental Science, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASENVBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 is required in place of NEW 101-M for transfer students. • MAT 170 or higher-level calculus (MA) accepted. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
CHM 113: General Chemistry I (SQ)	4	C	
MAT 170: Precalculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
ENV 201: Fundamentals of Environmental Science	3	C	
PHY 101: Introduction to Physics (SQ)	4	C	
Social Science Elective	3	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GLG 108: Water Planet (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Introduction to Geology I: Laboratory (SQ)	4	C	• Explore an internship, an IGLE international experience or ASU Study Abroad.
ECN 212: Microeconomic Principles (SB)	3	C	
GPH 210: Society and Environment (G)	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Social Science Elective	3	C	
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 302: Environmental Chemistry	3	C	• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Thinking about graduate school? Consider registering for a graduate test prep course. • Develop your professional online presence .
BIO 353: Cell Biology OR LSC 347: Fundamentals of Genetics	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	C	
Social Science Elective	3	C	
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
SOC 331: Environmental Sociology (SB & G)	3	C	
Upper Division Science Elective AND Upper Division Literacy and Critical Inquiry (L) (ENV 388 OR PLB 388 recommended)	3	C	
Upper Division Science Elective	3-4	C	
Cultural Diversity in the U.S. (C) AND Historical Awareness (H)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16-17		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENV 345: Spatial Analysis in the Environmental Sciences	3	C	• Completion of the Upper Division Cultural Diversity in the U.S. (C) or Upper Division Global Awareness (G) AND SOC 331 in Term 6 satisfies the New College Proficiency - Language and Cultures requirement. • Gather professional references.
Complete 2 courses: Upper Division Science Elective	6-8	C	
Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3	C	
Elective	3		
Term hours subtotal:	15-17		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENV 485: Environmental Impact Assessment	3	C	• Apply for full-time career opportunities.
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Social Science Elective	3	C	
Upper Division Elective	2		

Elective OR ENV 484: Internship	3	
Term hours subtotal:	14	

Upper Division Science Electives

- Complete **three** to **four** courses (12 credit hours)
- To fulfill General Studies Upper Division Literacy and Critical Inquiry (L) Requirement, choose from BIO 410, BIO 426, ENV/PLB 388 or PLB 300 (ENV/PLB 388 recommended).
- Up to 6 credit hours (two completions) of 499 Individualized Instruction can be used towards Upper Division Science Electives. However, to be applied each completion of 499 must be a unique experience with a different instructor.

Social Science Electives

- Complete four courses (12 credit hours)

Hide Course List(s)/Track Group(s)

Upper Division Science Electives	Social Science Electives	Upper Division Ethics Electives
BIO 360: Animal Physiology	ABS 381: Natural Resources Policy	IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 370: Vertebrate Zoology	ABS 479: Ecosystem Management and Planning (L)	IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
BIO 385: Comparative Invertebrate Zoology	ASB 272: Economic Justice (SB)	IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)
BIO 410: Techniques in Conservation Biology and Ecology (L)	ASB 326: Human Impacts on Ancient Environments (SB & H)	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
BIO 412: Conservation in Practice	ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)	PHI 306: Applied Ethics (HU)
BIO 422: Ecosystem Ecology	COM 312: Communication, Conflict, and Negotiation	PHI 360: Business and Professional Ethics (HU)
BIO 426: Limnology (L)	COM 430: Leadership in Group Communication	
BIO 474: Herpetology	ECN 211: Macroeconomic Principles (SB)	
BIO 499: Individualized Instruction or ENV 499: Individualized Instruction or LSC 499: Individualized Instruction or PLB 499: Individualized Instruction	ERM 428: International Environmental Management (G)	
ENV 300: Plant Diversity and Evolution (L or SG) or PLB 300: Plant Diversity and Evolution (L or SG)	HST 345: Environmental History (L)	
ENV 302: Plants and Civilization (L) or PLB 302: Plants and Civilization (L)	OGL 200: Introduction to Organizational Leadership (SB)	
ENV 388: STEM Research Fundamentals (L) or PLB 388: STEM Research Fundamentals (L)	PMG 240: Introduction to Project Management	
ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment	OGL 300: Theory and Practice of Leadership	
ENV 394: Special Topics or PLB 394: Special Topics	OGL 355: Leading Organizational Innovation and Change	
ENV 410: Soil Science	POS 110: American Government and Politics (SB)	
ENV 484: Internship or LSC 484: Internship	POS 331: Public Opinion (SB)	
ENV 494: Special Topics or PLB 494: Special Topics	POS 426: Elements of Public Policy (SB)	
	PUP 301: Introduction to Urban Planning (L)	

ENV 492: Honors Directed Study

ERM 502: Regulatory Framework for Toxic and Hazardous Substances

ERM 520: Sustainability and Sustainable Development

ERM 522: Air Pollution and Toxic Chemicals

ERM 523: Soils and Groundwater Contamination

ERM 527: Environmental/Resources Regulations Concepts

ERM 535: Water Law and Policy

ERM 598: Environmental Health

LSC 434: Marine Ecology

PLB 308: Plant Physiology

PLB 310: The Flora of Arizona

SOC 333: Population (SB & G)

SOS 230: Professional Skills in Sustainability

SOS 311: Future Thinking and Strategies

SOS 385: Business and Sustainability I

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Environmental Science, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASENVBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific First-Year Seminar is required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for transfer students in place of NEW 101-M. • MAT 210, MAT 251 or MAT 270 is recommended for students intending to pursue graduate degrees. • MAT 270 is necessary for students intending on taking the Data/Modeling track focus courses. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
CHM 113: General Chemistry I (SQ)	4	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15-16		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Either STP 226 or STP 280 is acceptable to meet the requirement. STP 280 is necessary for students intending to take the Data/Modeling track focus courses. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 29 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENV 201: Fundamentals of Environmental Science	3	C	• One semester of organic chemistry lecture & lab is required, either CHM 231 & 235 or CHM 233 & 237. CHM 233 & 237 should be taken by students intending to take
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	

PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- electives from the Chemistry/Toxicology track focus area, as they are prerequisites required for many courses in that focus area.
- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

Term 4 43 - 58 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
GLG 108: Water Planet (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Introduction to Geology I: Laboratory (SQ)	4	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Track Focus Elective Course	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Elective	1		
Term hours subtotal:	15		

- The program electives are grouped by track focus areas. Students can take electives from any of the track focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.
- Students must complete a total of at least 11 hours of track focus elective courses and at least three hours of upper-division track focus elective courses.
- Explore an internship, an IGLE international experience, or ASU Study Abroad.

Term 5 58 - 73 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CHM 302: Environmental Chemistry	3	C	
BIO 353: Cell Biology OR LSC 347: Fundamentals of Genetics	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

- IAS 300 (3 credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your professional online presence.

Term 6 73 - 87 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	
ENV 345: Spatial Analysis in the Environmental Sciences	3	C	
PLB 300: Plant Diversity and Evolution (L or SG) OR PLB 302: Plants and Civilization (L) OR PLB 388: STEM Research Fundamentals (L)	3-4	C	
Track Focus Elective Course	4-3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

- The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.
- Use Handshake to research employment opportunities.

Term hours subtotal:	14	

- Complete an in person or virtual practice interview.

Term 7 87 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENV 410: Soil Science	4	C	• BIO 474 and PLB 310 are field-intensive courses. • The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. • Gather professional references.
BIO 474: Herpetology OR PLB 310: The Flora of Arizona	4	C	
Track Focus Elective Course	3	C	
Upper Division Environmental Science Capstone	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	17		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 422: Ecosystem Ecology	3	C	• The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. • Apply for full-time career opportunities.
★ ENV 485: Environmental Impact Assessment	3	C	
BIO 370: Vertebrate Zoology OR BIO 385: Comparative Invertebrate Zoology	4	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Track Focus Elective Course	3-4	C	
Term hours subtotal:	16-17		

Environmental Science Track Focus Electives

Electives listed below are grouped by focus areas. Students can complete electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. Courses taken to fulfill core requirements cannot also be used to fulfill track focus electives. Up to 6 credit hours (two completions) of 499 Individualized Instruction can be used towards Capstone and/or Environmental Science Track Focus Electives. However, to be applied each completion of 499 must be a unique experience with a different instructor.

Hide Course List(s)/Track Group(s)

Chemistry/Toxicology Track	Ecosystem/Global Change Track	Organismal/Conservation Biology Track
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	BIO 323: Ecosystem Restoration and Management	BIO 360: Animal Physiology
BIO 353: Cell Biology	BIO 412: Conservation in Practice	BIO 370: Vertebrate Zoology
BIO 443: Applied Molecular Genetics and Genomics	BIO 415: Statistical Models for Biology (CS)	BIO 385: Comparative Invertebrate Zoology
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	BIO 421: Landscape Ecology	BIO 410: Techniques in Conservation Biology and Ecology (L)
	BIO 426: Limnology (L)	BIO 474: Herpetology
	ENV 388: STEM Research Fundamentals (L)	ENV 300: Plant Diversity and Evolution (L or SG) or PLB 300: Plant Diversity and Evolution (L or SG)
	GLG 325: Oceanography	

CHM 303: Environmental Chemistry Laboratory (L)

ERM 522: Air Pollution and Toxic Chemicals

ERM 523: Soils and Groundwater Contamination

ERM 598: Environmental Health

LSC 347: Fundamentals of Genetics

LSC 425: Analytical Chemistry for Life Sciences

LSC 426: Analytical Chemistry for Life Sciences Lab

LSC 475: Principles of Toxicology

Data/Modeling Track

MAT 271: Calculus with Analytic Geometry II (MA)

MAT 275: Modern Differential Equations (MA)

MAT 343: Applied Linear Algebra

MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS)

STP 281: Statistical Analysis for Researchers

STP 310: Design and Analysis of Experiments

STP 311: Regression and Time Series Analyses

STP 315: Statistical Computing

STP 450: Nonparametric Statistics

STP 460: Categorical Data Analysis

STP 499: Individualized Instruction

Upper Division Ethics Electives

IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)

IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)

IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)

IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)

GLG 327: Earth's Critical Zone or LSC 388: STEM Research Fundamentals (L) or PLB 388: STEM Research Fundamentals (L)

ERM 520: Sustainability and Sustainable Development

LSC 362: The Human Environment

LSC 434: Marine Ecology

MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory

SOS 110: Sustainable World (SB)

Business/Leadership Track

COM 415: Risk Communication

COM 430: Leadership in Group Communication

ERM 502: Regulatory Framework for Toxic and Hazardous Substances

ERM 527: Environmental/Resources Regulations Concepts

ERM 535: Water Law and Policy

OGL 200: Introduction to Organizational Leadership (SB)

PMG 240: Introduction to Project Management

OGL 300: Theory and Practice of Leadership

OGL 355: Leading Organizational Innovation and Change

SOS 230: Professional Skills in Sustainability

SOS 311: Future Thinking and Strategies

SOS 385: Business and Sustainability I

ENV 302: Plants and Civilization (L) or PLB 302: Plants and Civilization (L)

ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment

ENV 394: Special Topics or ENV 494: Special Topics

PLB 308: Plant Physiology

PLB 310: The Flora of Arizona

PLB 394: Special Topics or PLB 494: Special Topics

Upper Division Capstone Experience

BIO 495: Undergraduate Research

BIO 499: Individualized Instruction

ENV 484: Internship

ENV 492: Honors Directed Study

ENV 493: Honors Thesis

ENV 499: Individualized Instruction

LSC 484: Internship

LSC 492: Honors Directed Study

LSC 493: Honors Thesis (L)

LSC 499: Individualized Instruction

PLB 499: Individualized Instruction

PHI 306: Applied Ethics (HU)

PHI 360: Business and Professional Ethics (HU)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Applied Computing, Mathematics and Technology

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASACMTEXPL

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 101: Introduction to Computer Science (CS)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16-17		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 102: Object-Oriented Programming (CS)	3	C	• Completion of both ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. • Build your professional connections -- join the ASU Mentor Network.
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACO 201: Data Structures and Algorithms (CS) OR ACO 240: Introduction to Programming Languages OR STP 280: Probability and Statistics for Researchers (CS)	3	C	• Develop your research skills. • Develop your professional skills.
Natural Science - Quantitative (SQ)	4		

Historical Awareness (H)	3
Literacy and Critical Inquiry (L)	3
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3
Complete First-Year Composition requirement.	
Complete Mathematics (MA) requirement.	
Milestone: Selection of a major.	
Term hours subtotal:	16

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global (G), Historical (H), and Cultural (C) awareness requirements with their Social-Behavioral Sciences (SB) or Humanities, Arts and Design (HU) courses.

Total Hours: 47
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Health and Life Sciences

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHSCIEXPL

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Term hours subtotal:	14-15		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		

Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Milestone: Selection of a major.		
	Term hours subtotal:	16

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 46
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Humanities, Fine Arts and Design

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHUFAEXPL

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
PHI 101: Introduction to Philosophy (HU)	3	C	
NEW 101-H: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Mathematics (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C	
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		

Complete Mathematics (MA) requirement.	
Complete First-Year Composition requirement.	
Milestone: Selection of a major.	
Term hours subtotal:	16

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Social and Behavioral Sciences

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSBSEXPL

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Mathematics (MA)	3	C	
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Milestone: Selection of a major.	
Term hours subtotal:	16

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Forensic Science, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASFOREBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
CHM 237: General Organic Chemistry Laboratory I	1	C	
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
FOR 286: Principles of Forensic Science	4	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

		Minimum	

Term 4 44 - 59 Credit Hours Critical course signified by	Hours	Grade	Notes
CHM 234: General Organic Chemistry II	3	C	• Forensic science internships are very competitive and the application process takes time. Fall semester internships typically require application in the spring semester prior, and spring or summer semester internships require application by the start of the preceding fall semester.
CHM 238: General Organic Chemistry Laboratory II	1	C	
FOR 200: Forensic Science Seminar	1	Y	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) (FOR 210 recommended)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 5 59 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 371: Modern Concepts in Biochemistry	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence .
BCH 372: Modern Concepts in Biochemistry Laboratory	1	C	
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	14		

Term 6 73 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FOR 370: Fundamentals of Forensic Analysis	4	C	Upper-Division Forensic Science Distribution/Elective Requirements. Students must complete each of the following: • At least 4-credit hours of Upper Division Forensic Science Biology coursework • At least 6-credit hours of Upper Division Forensic Science Chemistry coursework • At least 10-credit hours of Upper Division Forensic Science Elective Coursework See Track/Group Notes at the bottom of the major map for additional rules and course options. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
FOR 360: Statistical Applications in Forensic Science	3	C	
FOR 413: Sacred Crimes: Religion and Violence (G & H) OR FOR 449: Latin American Cinema: The Dead and the Disappeared (G & H) OR FOR 454: History of Genocide (G & H)	3	C	
Upper Division Forensic Science Elective	4-3	C	
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17-16		

Term 7 90 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FOR 425: Analytical Chemistry for Life Sciences AND FOR 426: Analytical Chemistry for Life Sciences Lab	5	C	Upper-Division Forensic Science Distribution/Elective Requirements. Students must complete each of the following: • At least 4-credit hours of Upper Division Forensic Science Biology coursework • At least 6-credit hours of Upper Division Forensic Science Chemistry coursework • At least 10-credit hours of Upper Division Forensic Science Elective Coursework
Upper Division Forensic Science Culminating Experience	3	C	
FOR 410: Testimony and Ethics in the Forensic Sciences (L)	3	C	
Upper Division Forensic Science Chemistry Distribution Elective	3	C	
Upper Division Forensic Science Elective	3-4	C	
Term hours subtotal:	17-18		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Forensic Science Chemistry Distribution Elective	3	C	Upper-Division Forensic Science Distribution/Elective Requirements. Students must complete each of the following: • At least 4-credit hours of Upper Division Forensic Science Biology coursework • At least 6-credit hours of Upper Division Forensic Science Chemistry coursework • At least 10-credit hours of Upper Division Forensic Science Elective Coursework See Track/Group Notes at the bottom of the major map for additional rules and course options. • Students must participate in a culminating experience, choosing from FOR 388, FOR 484, FOR 492, FOR 493 or FOR 499. Each of these couress requires prior faculty approval and mentorship. FOR 499 must consist of an approved, faculty-mentored research project to be used as the culminating, senior-level experience. See academic advisor for questions. • Apply for full-time career opportunities.
Upper Division Forensic Science Biology Distribution Elective	4	C	
Upper Division Forensic Science Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	13		

See Track/Group Notes at the bottom of the major map for additional rules and course options.

- Gather professional references.

- Upper-Division Forensic Science Distribution/Elective Requirements: Students must complete each of the following:
  - At least 4 credit hours of Upper Division Forensic Science Biology coursework
  - At least 6 credit hours of Upper Division Forensic Science Chemistry coursework
  - At least 10 credit hours of Upper Division Forensic Science Elective coursework
- At least two lab courses must be taken (either individual 1 credit labs or lecture/lab combos) in fulfilling the forensic biology distribution, forensic science chemistry distribution, and forensic science elective requirements.
- Courses do not count towards more than one category between Biology Distribution, Chemistry Distribution, Forensic Science Electives, and Culminating Experience.

Hide Course List(s)/Track Group(s)

Upper Division Forensic Science Biology Distribution Electives	Upper Division Forensic Science Chemistry Distribution Electives	Upper Division Forensic Science Electives
FOR 380: Analysis of Nonhuman Forensic DNA Evidence	FOR 401: Forensic Toxicology	FOR 380: Analysis of Nonhuman Forensic DNA Evidence
FOR 394: Forensic Botany	FOR 404: Forensic Toxicology Laboratory	FOR 394: Forensic Botany
FOR 394: Introduction to Forensic Anthropology	FOR 475: Principles of Toxicology	FOR 394: Introduction to Forensic Anthropology
	FOR 494: Forensic Chemistry	FOR 400: Comparative Forensics

FOR 402: Forensic Biology	FOR 494: Forensic Chemistry Lab	FOR 401: Forensic Toxicology
FOR 405: Techniques in Forensic Biology Laboratory		FOR 402: Forensic Biology
FOR 447: Molecular Genetics Laboratory		FOR 403: Comparative Forensics Laboratory
FOR 480: Advanced Topics in Human Forensic DNA Typing		FOR 404: Forensic Toxicology Laboratory
FOR 494: Fundamentals of Forensic Entomology		FOR 405: Techniques in Forensic Biology Laboratory
FOR 494: Human Osteology and Forensic Techniques		FOR 447: Molecular Genetics Laboratory
		FOR 475: Principles of Toxicology
		FOR 480: Advanced Topics in Human Forensic DNA Typing
		FOR 484: Internship
		FOR 486: Peer Mentoring in the Forensic Sciences
		FOR 494: Forensic Chemistry
		FOR 494: Forensic Chemistry Lab
		FOR 494: Fundamentals of Forensic Entomology
		FOR 494: Human Osteology and Forensic Techniques
		FOR 499: Individualized Instruction

Upper Division Forensic Science Culminating Experience
FOR 388: STEM Research Fundamentals (L)
FOR 484: Internship
FOR 492: Honors Directed Study
FOR 493: Honors Thesis (L)
FOR 496: Forensic Science Service Learning
FOR 499: Individualized Instruction

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Forensic Science, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASFOREBS

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific First-Year Seminar required for all first-year students. NEW 101 satisfies this requirement. • IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Review the Career Guide for ASU Online students to learn about available career planning resources.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	
STP 226: Elements of Statistics (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 29 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	
FOR 286: Principles of Forensic Science	4	C	

Term hours subtotal:	7	

- Plan ahead for in-person laboratory attendance in Summer Term 4 and Summer Term 8 on ASU's campus in Arizona.
- ASU Online Forensic Science BS students will complete experiments for the Organic Chemistry labs (CHM 237 and CHM 238) and Biochemistry lab (BCH 372) during a 2-week, immersive, in-person experience on ASU's campuses in Arizona during Summer Term 4. Experiments will be conducted and completed during the 2-week on-campus residency, and lab reports will be completed in subsequent weeks during the same summer term.

Term 3 - B 36 - 43 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
CHM 234: General Organic Chemistry II	3	C	
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
FOR 200: Forensic Science Seminar	1	Y	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 43 - 50 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) (FOR 210 recommended)	3		
Term hours subtotal:	7		

Term 4 - B 50 - 57 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
BCH 371: Modern Concepts in Biochemistry	3	C	• Develop your professional online presence.
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	7		

Summer 4 57 - 60 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
BCH 372: Modern Concepts in Biochemistry Laboratory	1	C	• During Summer Term 4, ASU Online Forensic Science BS students will complete experiments for the Organic Chemistry labs (CHM 237 and CHM 238) at the ASU Tempe campus during a one-week session, followed immediately by another one-week session at the ASU West campus to complete all experiments for the Biochemistry lab (BCH 372). Lab reports will be completed in subsequent weeks during the same summer term.
CHM 237: General Organic Chemistry Laboratory I	1	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	3		

Term 5 - A 60 - 66 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
Humanities, Arts and Design (HU)	3		• IAS 300 (three credit hours) is required for all transfer students.

Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Term hours subtotal:	6	

Term 5 - B 66 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	• Forensic science internships are competitive and the application process takes time. Fall semester internships typically require application in the spring semester prior, and spring or summer semester internships require application by the start of the preceding fall semester.
FOR 413: Sacred Crimes: Religion and Violence (G & H) OR HST 454: History of Genocide (G & H) or REL 454: History of Genocide (G & H)	3	C	
Term hours subtotal:	7		

Term 6 - A 73 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 370: Fundamentals of Forensic Analysis	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 6 - B 80 - 86 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
FOR 360: Statistical Applications in Forensic Science	3	C	• Plan ahead for in-person laboratory attendance in Summer Term 8 at ASU's West campus in Glendale, AZ. • Thinking about graduate school? Consider registering for a grad school test prep course.
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
FOR 410: Testimony and Ethics in the Forensic Sciences (L)	3		Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total): • 4 credit hours of Upper Division Forensic Science Biology coursework • 6 credit hours of Upper Division Forensic Science Chemistry coursework • 10 credit hours of Upper Division Forensic Science Elective coursework See Track/Group Notes at the bottom of the major map for specific course requirements.
Upper Division Forensic Science Chemistry Distribution Requirement	3	C	
Term hours subtotal:	6		

Term 7 - B 92 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 425: Analytical Chemistry for Life Sciences AND FOR 426: Analytical Chemistry for Life Sciences Lab	5	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Term hours subtotal:	5		

Term 8 - A 97 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ Upper Division Forensic Science Biology Distribution Requirement	4	C	Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total): • 4 credit hours of Upper Division Forensic Science Biology coursework • 6 credit hours of Upper Division Forensic Science Chemistry coursework • 10 credit hours of Upper Division Forensic Science Elective coursework See Track/Group Notes at the bottom of the major map for specific course requirements. • Gather professional references.
Upper Division Forensic Science Requirement	3-4	C	
Term hours subtotal:	7-8		

Term 8 - B 104 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Forensic Science Requirement	4-3	C	• Apply for full-time career opportunities.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language.	3	C	
Term hours subtotal:	7-6		

Summer 8 111 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Forensic Science Culminating Experience	3	C	• ASU Online Forensic Science BS students will participate in a culminating experience. Barrett Honors students may choose FOR 492 or 493 as their culminating experience. However, it is strongly recommended that all online Forensic Science BS students participate in the forensics residency experience, FOR 494 Fundamental Skills in Forensic Science. • FOR 494 Fundamentals of Forensic Science requires an immersive, 2-week residency in the crime scene lab and other labs at ASU's West campus in Glendale, AZ. • Alternatively, students may seek a local internship (FOR 484). Forensic Science internships are not guaranteed. Forensic science internships are competitive and the application process takes time. All internships require prior faculty approval. Please contact your academic advisor for questions.
Term hours subtotal:	3		

Term 9 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Forensic Science Chemistry Distribution Requirement	3	C	Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total): • 4 credit hours of Upper Division Forensic Science Biology coursework
★ Upper Division Forensic Science Requirement	3	C	
Term hours subtotal:	6		

- 6 credit hours of Upper Division Forensic Science Chemistry coursework
- 10 credit hours of Upper Division Forensic Science Elective coursework

See Track/Group Notes at the bottom of the major map for specific course requirements.

- Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total):
    - 4 credit hours of Upper Division Forensic Science Biology coursework - FOR 402 (3 credits) and FOR 405 (1 credit).
    - 6 credit hours of Upper Division Forensic Science Chemistry coursework - FOR 401 (3 credits) and FOR 475 (3 credits).
    - 10 credit hours of Upper Division Forensic Science Elective coursework - FOR 394 (3 credits), FOR 400 (3 credits), FOR 494 Forensic Chemistry (3 credits), and FOR 494 Forensic Chemistry Lab (1 credit).

Hide Course List(s)/Track Group(s)

Upper Division Forensic Science Biology Distribution Requirements
FOR 402: Forensic Biology AND FOR 405: Techniques in Forensic Biology Laboratory

Upper Division Forensic Science Chemistry Distribution Requirements
FOR 401: Forensic Toxicology
FOR 475: Principles of Toxicology

Upper Division Forensic Science Requirements
FOR 394: Introduction to Forensic Anthropology
FOR 400: Comparative Forensics
FOR 494: Forensic Chemistry
FOR 494: Forensic Chemistry Lab

Upper Division Forensic Science Culminating Experience
FOR 484: Internship
FOR 492: Honors Directed Study
FOR 493: Honors Thesis (L)
FOR 494: Fundamental Skills in Forensic Science

Notes:

-
    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Gender, Women and Sexuality Studies, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASWSTBS

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Students should consult an advisor on (MA) course selection to ensure prerequisites for selected Statistics or Quantitative Methods requirement are met. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
WST 100: Women, Gender, and Society (SB & C)	3	C	
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) (PSY 101 recommended)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Women and Gender Studies Elective	3	C	• If students are interested in taking PSY 230 to satisfy three credit hours of the Statistics or Quantitative Methods requirement, then PSY 101 should be selected for the Social-Behavioral Sciences requirement.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:			

Elective	6		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WST 276: U.S. Women's Movements (H & C)	3	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Women and Gender Studies Elective	3	C	
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• IAS 300 (3 credit hours) is required for all transfer students; elective credit hours may need adjustment. Transfer students, please see your academic advisor. • Completion of HRC 310 with a C or better fulfills three credit hours of the New College Language and Cultures requirement. • Thinking of grad school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: Upper Division Women and Gender Studies Elective	6	C	
Statistics or Quantitative Methods Electives	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Women and Gender Studies Elective	9	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Women and Gender Studies Elective	6	C	• Gather professional references.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective OR WST 484: Internship	3		

Term hours subtotal:	15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Women and Gender Studies Elective	6	C	
Statistics or Quantitative Methods Electives	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

- For Women and Gender Studies Electives, students must choose courses from the course list below. Other courses must be approved by an academic advisor before enrollment. No course may be used to satisfy more than one requirement in the major.

Hide Course List(s)/Track Group(s)

Women and Gender Studies Electives
AMS 332: Studies in Race and Ethnicity
AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H)
COM 316: Gender and Communication (SB & C)
COM 416: Gender and Race in the Media
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy
ENG 454: Gender and Literature (L or HU) or WST 454: Gender and Literature (L or HU)
ENG 455: Contemporary Women Writers
ENG 461: Studies in Women and Literature
ENG 462: Africana Literature (HU & G)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
HST 419: 20th Century Chicano/a History (C)
SBS 301: Cultural Diversity ((L or SB) & C)
SOC 426: Social Inequalities (SB)
WST 220: Gender, Media and Culture (HU & C)
WST 333: Critical Perspectives on Sexuality (SB & C)

Statistics or Quantitative Methods Electives
PSY 230: Introduction to Statistics (CS)
PSY 290: Research Methods (L or SG)
SBS 303: Quantitative Methods
SBS 304: Social Statistics I (CS)
STP 226: Elements of Statistics (CS)
STP 420: Introductory Applied Statistics (CS)

WST 341: Latin American Women Writers (HU & G) or LAS 340: Latin American Women Writers (HU & G)

WST 370: Chronicling Women's Lives (HU & C)

WST 376: Feminist Theory (H & C)

WST 380: Race, Gender, and Class (SB & C)

WST 390: Women, Gender and Religion (HU & G) or REL 390: Women, Gender and Religion (HU & G)

WST 428: Gender, Madness and Justice (SB)

WST 430: Gender on the Borderlands (SB & G)

WST 433: Race and Sexualities in Social Justice Movements or ETH 433: Race and Sexualities in Social Justice Movements

WST 444: Gender, Health, and Bodies (SB)

WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)

WST 457: Women, Cultures, and Societies (SB & G)

WST 469: Abject Bodies and the Politics of Trash (SB & C)

WST 473: Indigenous and Latina/Chicana Representation (SB & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

History, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHISBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3	C	
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST Elective	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: History Related Area Course	6	C	• Explore an internship, IGLE international experience or ASU Study Abroad.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: HST Upper Division Elective	6	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Non-US Non-European History Course	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
History Related Area Course	3	C	
HST Upper Division Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Non-US Non-European History Course	3	C	• Students must successfully complete six credit hours of upper-division History coursework prior to enrolling in HST 495. • Gather professional references.
Complete 2 courses: Upper Division History Related Area Course	6	C	
HST Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L)	3	C	• Apply for full-time career opportunities.
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Upper Division Elective OR IAS 484: Internship	3		
Elective	3		
Term hours subtotal:	12		

- • Students must complete two courses from one of the three Two Semester History Surveys: U.S. History, Global History or European History/Western Civilization.
- • Students must complete 12 credit hours of upper-division history in courses offered by the New College of Interdisciplinary Arts and Sciences.
- • Students must successfully complete six credit hours of upper-division History coursework prior to enrolling in HST 495.

Hide Course List(s)/Track Group(s)

Two Semester History Survey: U.S. History	Two Semester History Survey: Global History	Two Semester History Survey: European History/Western Civilization
HST 109: United States to 1865 ((HU or SB) & H)	HST 100: Global History to 1500 (HU & H & G)	HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H)
HST 110: United States Since 1865 (SB & H)	HST 101: Global History Since 1500 (HU & H & G)	HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H)
		HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)

Non-US/Non-European History Courses	History Related Area Courses
HST 375: Colonial Latin America (SB & H)	AMS Elective
HST 376: Modern Latin America (SB & G & H)	ENG Elective
HST 394: The Empire of Cyrus the Great of Persia	ETH Elective
HST 404: Conquest and Encounters in Colonial Latin America (L & G)	HRC Elective
HST 430: The Ottoman Empire in the Classical Period	HST Elective
HST 441: Latin America and the World Economy (L & G & H)	JHR Elective
HST 454: History of Genocide (G & H)	LAS Elective
	PAX Elective
	PHI Elective
	REL Elective
	SPA Elective

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

History (Secondary Education), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHISSEBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • Transfer students will take IAS 300 in place of NEW 101-H. • By the end of Term 5, a minimum 2.25 cumulative GPA is required in order to progress into the Professional Pathways Education Program. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Humanities, Arts and Design (HU)	3		
Elective (TEL 111 recommended)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS) (CIS 105 OR EDT 180 recommended)	3		
Global Awareness (G)	3		
Humanities, Arts and Design (HU) (TEL 212 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST Elective	3	C	• BLE 220 satisfies the requirement for a Structured English Immersion Endorsement (For Certified Teachers). This Endorsement authorizes the holder to teach one or more English language learners in the area they are appropriately certified.
History Related Area Course	3	C	
Literacy and Critical Inquiry (L) (BLE 220 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) (GCU 113 recommended)	3		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
	Term hours subtotal:	16	

- GCU 113 satisfies the US and AZ constitution requirement for teacher certification.
- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

Term 4 47 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
History Related Area Course	3	C	• Apply for an identity verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed prior to enrolling in Term 6 education courses and internship. • Explore an internship, IGLE international experience or ASU Study Abroad.
HST Elective	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	13		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Non-U.S. Non-European History Course	3	C	• Successful completion of six credit hours of upper-division History coursework must be completed prior to taking HST 495. • Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit a copy of your IVP fingerprint card. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: HST Upper Division Elective	6	C	
IAS 300: Career Strategies and Personal Resilience (L or SB) OR Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HST 495: Methods of Historical Inquiry (L)	3	C	• During your internship, you will work alongside a mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in Terms 6-8. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
Upper Division Non-U.S. Non-European History Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective (TEL 366 recommended)	1		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	16

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST Upper Division Elective	3	C	• All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching. • During your internship, you will work alongside a mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in Terms 6-8. • Reliable transportation is required to get to school sites in Terms 7-8. • Gather professional references.
★ SED 494: Methods of Teaching History: Community Resources	3	C	
★ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
★ TEL 332: Disciplinary Literacy Methods	3	C	
★ TEL 477: Internship: Advanced	2	C	
Elective (TEL 340 recommended)	3		
★ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 471: Professional Educator Series: The Principled Educator	1	C	• Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. • Students seeking teacher certification must pass required educator exams. Speak to your education advisor to plan appropriately. • Apply for full-time employment opportunities.
TEL 488: Student Teaching	11	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

- • Students must select two courses from one of the three lower division history survey tracks: U.S.History, Global History, or European History/Western Civilization.
  • Students must complete 12 credit hours of upper-division history courses offered by the New College of Interdisciplinary Arts and Sciences.

Hide Course List(s)/Track Group(s)

Two Semester History Survey: U.S. History	Two Semester History Survey: Global History	Two Semester History Survey: European History/Western Civilization
HST 109: United States to 1865 ((HU or SB) & H)	HST 100: Global History to 1500 (HU & H & G)	HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H)
HST 110: United States Since 1865 (SB & H)	HST 101: Global History Since 1500 (HU & H & G)	HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H)
		HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)

Non-US/Non-European History Courses	History Related Area Courses
HST 375: Colonial Latin America (SB & H)	AMS Elective
HST 376: Modern Latin America (SB & G & H)	ENG Elective
	ETH Elective

HST 394: The Empire of Cyrus the Great of Persia	HRC Elective
HST 404: Conquest and Encounters in Colonial Latin America (L & G)	HST Elective
HST 430: The Ottoman Empire in the Classical Period	JHR Elective
HST 441: Latin America and the World Economy (L & G & H)	LAS Elective
HST 454: History of Genocide (G & H)	PAX Elective
	PHI Elective
	REL Elective
	SPA Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Interdisciplinary Arts and Performance, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASIAPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IAP 103: Foundations I: Interdisciplinary Art Practice	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-H. • Select your Career Interest Community and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3	C	
NEW 101-H: The ASU New College Experience	1		
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C	• Develop your research skills. Discuss with a faculty member. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)	3	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAP 361: Digital Editing and Media Literacy (CS)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Consult your academic advisor in selecting IAP Electives. Some IAP courses do not apply. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: IAP Upper Division Elective	6	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAP 325: Sound Performance: Exploring Alternative Performance Groups	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
IAP 354: Visual Representation	3	C	
IAP Upper Division Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAP 375: Contemporary Performance: Theories and Practice	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply. • Gather professional references.
Complete 2 courses: IAP Upper Division Elective	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following:			

* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Elective	3	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IAP 480: Art as Praxis: From Conceptualization to Production	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply. • Apply for full-time career opportunities.
Complete 2 courses: IAP 4** Elective	6	C	
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Interdisciplinary Arts and Performance, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASIAPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IAP 103: Foundations I: Interdisciplinary Art Practice	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 fulfills this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3	C	• View ASU Online first-year student registration information here.
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Create a first draft resume.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Natural Science - Quantitative (SQ)	4		• Build your professional skills.
Elective	3		
Complete First-Year Composition requirement.			
Term hours subtotal:	7		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C	• Build your professional connections -- join the ASU Mentor Network.
Social-Behavioral Sciences (SB)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		• Develop your skills.
Global Awareness (G)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		• Explore an internship, IGLE international experience or ASU Study Abroad.
Elective	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAP 325: Sound Performance: Exploring Alternative Performance Groups	3	C	• Create your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAP 361: Digital Editing and Media Literacy (CS)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAP Upper Division Elective	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have			

a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	• Thinking about graduate school? Consider registering for a graduate school test prep course.
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IAP 354: Visual Representation	3	C	• Create your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IAP Upper Division Elective	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ *Complete 2 courses:* IAP Upper Division Elective	6	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply. • Use Handshake to research employment opportunities.
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IAP 375: Contemporary Performance: Theories and Practice	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IAP Upper Division Elective	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply. • Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ IAP 4** Elective	3	C	

Elective	3	
Term hours subtotal:	6	

- Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
- Gather professional references.

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IAP 480: Art as Praxis: From Conceptualization to Production	3	C	• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IAP 4** Elective	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Interdisciplinary Arts and Sciences, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASIASBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credit hours) is required of transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• For the Area of Concentration courses starting in Term 3, work with an advisor to select a minor available at ASU or construct an individualized area of concentration with a coherent theme or purpose. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Area of Concentration Course	3	C	• Area of Concentration courses are chosen in consultation with an academic advisor. • Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Area of Concentration Course	3	C	• Area of Concentration courses are chosen in consultation with an academic advisor. • Explore an internship, an IGLE international experience, or ASU Study Abroad.
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IAS 300: Career Strategies and Personal Resilience (L or SB)	3	C	• Area of Concentration courses are chosen in consultation with an academic advisor. • Complete one course from the Diverse Perspectives track. • Transfer students must take IAS 300 in place of NEW 101-H. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence .
Upper Division Diverse Perspectives Track	3	C	
Area of Concentration Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Area of Concentration Course	3	C	• Area of Concentration courses are chosen in consultation with an academic advisor. • Complete one course from the Critical Inquiry track. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Critical Inquiry Track	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Area of Concentration Course	6	C	• Area of Concentration courses are chosen in consultation with an academic advisor. • Complete one course from the Experimentation and the Creative Process track. • Gather professional references.
Upper Division Experimentation and the Creative Process Track	3	C	
Upper Division Related Area Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

Upper Division Capstone	3	C
Upper Division Culture, Society and Power Track	3	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Upper Division Elective	3	
Term hours subtotal:	12	

- Complete one course from the Culture, Society and Power track.
- Apply for full-time career opportunities.

-
  - Working with an advisor, choose an Area of Concentration by selecting a minor offered by ASU or construct an individualized concentration with a coherent theme or purpose for 18 credit hours (minimum nine upper-division credit hours).
  - Courses used to fulfill major requirements cannot also be used to fulfill Area of Concentration requirements.
  - Choose and complete one course from each of four program tracks for a total of 12 credit hours: Diverse Perspectives; Critical Inquiry; Experimentation and the Creative Process; Culture, Society and Power.

Hide Course List(s)/Track Group(s)

Diverse Perspectives Track	Critical Inquiry Track	Experimentation and the Creative Process Track
AMS 380: Race, Gender, and Class (SB & C) or ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C) or ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	AMS 330: American Lives (HU & C)	AMS 420: Theatre in America (HU) or IAP 420: Theatre in America (HU) or THE 420: Theatre in America (HU)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)	AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) or ETH 428: Peoples and Cultures of the American West, to 1848 (SB & H) or LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H)	COM 335: Acting for the Camera or IAP 335: Acting for the Camera
ENG 364: Women and Literature (HU)	ENG 401: Topics in Critical Theory	COM 339: Creating Dramatic Works: Page to Stage to Screen or ENG 339: Creating Dramatic Works: Page to Stage to Screen or IAP 339: Creating Dramatic Works: Page to Stage to Screen
ENG 461: Studies in Women and Literature or ENG 462: Africana Literature (HU & G) or ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)	HRC 310: Social and Cultural Analysis: Method and Theory (C)	ENG 311: Persuasive Writing (L)
HST 375: Colonial Latin America (SB & H) or LAS 375: Colonial Latin America (SB & H)	HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	ENG 317: Cross-Cultural Writing ((L or HU) & G)
HST 376: Modern Latin America (SB & G & H)	HST 419: 20th Century Chicano/a History (C) or LAS 419: 20th Century Chicano/a History (C)	ENG 394: Oral History & Storytelling in Humanities & Arts
LAS 376: Modern Latin America (SB & G & H)	IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)	ENG 410: Writing for Publication
IAP 462: Games and Play	IAS 410: Evolution of Ideas (L or HU)	ENG 433: Literary Magazine Publishing: Canyon Voices or ENG 494: Canyon Voices
	IAS 430: Science and Religion (L or HU)	ENG 457: Studies in American Poetry (HU)
	PHI 304: Existentialism (HU)	ENG 476: Folklore in Everyday Life
	PHI 306: Applied Ethics (HU)	IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
	PHI 318: Philosophy of Religion (HU)	

LAS 340: Latin American Women Writers (HU & G)

WST 341: Latin American Women Writers (HU & G) or LAS 351: Cityscapes: Urban Mexican Literature and Culture

LAS 355: Contemporary Mexican Cinema: Changing Cartographies

PHI 411: Continental Philosophy (HU)

PHI 412: Philosophy and Literary Criticism (HU)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 376: Feminist Theory (H & C)

IAP 362: Games and Narratology

IAP 366: 3D Modeling and Media Literacy

IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

PHI 339: Philosophy of Art (HU)

Culture, Society and Power Track	Related Area Elective	Capstone
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)	AMS Upper Division Elective	HON 493: Honors Thesis (L) or IAS 493: Honors Thesis (L)
AMS 450: Latina/os, Schooling and Social Inequality (C) or ETH 450: Latina/os, Schooling and Social Inequality (C) or LAS 450: Latina/os, Schooling and Social Inequality (C)	DST Upper Division Elective	HRC 480: Capstone: Practices and Approaches (L)
AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C)	ENG Upper Division Elective	IAS 480: Capstone: Practices and Approaches
ENG 472: Rhetorical Studies (L)	ETH Upper Division Elective	IAS 484: IAS Internship
ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)	HRC Upper Division Elective	
ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements	HST Upper Division Elective	
HST 350: Later Middle Ages ((HU or SB) & H)	IAP Upper Division Elective	
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)	IAS Upper Division Elective	
HST 439: Athenian Democracy (H)	JHR Upper Division Elective	
HST 454: History of Genocide (G & H)	LAS Upper Division Elective	
HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)	PAX Upper Division Elective	
IAP 394: Print and the Protest	PHI Upper Division Elective	
IAP 464: Media and Diversity (HU & G)	REL Upper Division Elective	
IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)	SPA Upper Division Elective	
	WST Upper Division Elective	

IAS 417: Philosophy of Censorship (L or HU) or PHI 417: Philosophy of Censorship (L or HU)

LAS 350: The Construction of a Nation: Chile in the 20th/21st Century

LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H)

LAS 471: Treaties and Cultural Production in Spain and the Americas

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

PHI 360: Business and Professional Ethics (HU)

PHI 439: Philosophy of Love and Sex (HU)

WST 457: Women, Cultures, and Societies (SB & G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Latin American Studies, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASLASBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 101: Elementary Spanish I OR POR 101: Elementary Portuguese I (G)	4	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	1		
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 102: Elementary Spanish II OR POR 102: Elementary Portuguese II (G)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAS 205: Deep Roots: Latin America (HU & G) OR LAS 206: Locating Latin America:Interdisciplinary Methods	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
SPA 201: Intermediate Spanish (G) OR POR 201: Intermediate Portuguese I (G)	4	C	
Natural Science - Quantitative (SQ)	4		
Elective	1		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			

Term hours subtotal:	12

Term 4 43 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAS 205: Deep Roots: Latin America (HU & G) OR LAS 206: Locating Latin America:Interdisciplinary Methods	3	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
SPA 202: Intermediate Spanish (G) OR POR 202: Intermediate Portuguese II (G)	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Literacy and Critical Inquiry (L)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	17		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Latin American Studies Elective	3	C	• The course taken to fulfill the Upper Division Social and Cultural Representation requirement cannot also be used to fulfill the Upper Division Latin American Studies Elective requirement. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Social and Cultural Representation Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Latin American Studies Elective	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Latin American Studies Elective	6	C	• Gather professional references.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LAS 484: Internship OR LAS 493: Honors Thesis OR LAS 499: Individualized Instruction	3	C	• Apply for full-time employment opportunities.
Upper Division Latin American Studies Elective	3	C	
Complete 3 courses:			

Upper Division Elective	9
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Upper Division Latin American Studies Electives	Upper Division Social and Cultural Representation Elective
ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)	JUS 475: Law, Societies and Justice in Latino-America (SB & G) or SPA 470: Law, Societies and Justice in Latino-America (SB & G)
FMS 475: Latin American Film ((L or HU) & G)	LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)
GCU 323: Geography of Latin America (SB & G)	LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)
HST 404: Conquest and Encounters in Colonial Latin America (L & G) or LAS 404: Conquest and Encounters in Colonial Latin America (L & G)	LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)
HST 438: Modern Spain ((HU or SB) & G & H)	
HST 441: Latin America and the World Economy (L & G & H)	
HST 443: The United States and Latin America (SB & G & H)	
HST 444: Latin American Independence ((L or HU) & G)	
LAS 330: From the Inside: The Latin American Journey (HU)	
LAS 340: Latin American Women Writers (HU & G) or WST 341: Latin American Women Writers (HU & G)	
LAS 350: The Construction of a Nation: Chile in the 20th/21st Century	
LAS 351: Cityscapes: Urban Mexican Literature and Culture	
LAS 355: Contemporary Mexican Cinema: Changing Cartographies	
LAS 375: Colonial Latin America (SB & H) or HST 375: Colonial Latin America (SB & H)	
LAS 376: Modern Latin America (SB & G & H) or HST 376: Modern Latin America (SB & G & H)	

- LAS 419: 20th Century Chicano/a History (C) or HST 419: 20th Century Chicano/a History (C)
- LAS 430: Gender on the Borderlands (SB & G)
- LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)
- LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)
- LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)
- POS 247: Introduction to Latin American Politics (SB & G)
- POS 453: Latin America (SB & G)
- POS 456: Latin American Cities (SB & G)
- POR 460: Brazilian Society Through Music (HU & G)
- SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C) or POR 313: Portuguese Conversation and Culture (G)
- SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) or POR 314: Portuguese Composition and Culture (G)
- SPA 317: Spanish for the Professions (G)
- SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)
- SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)
- SPA 429: Writing Mexico: Major Texts ((L or HU) & G)
- SPA 456: 20th-Century Spanish American Fiction
- SPA 459: Latin American Jewish Culture
- SPA 470: Law, Societies and Justice in Latino-America (SB & G) or JUS 475: Law, Societies and Justice in Latino-America (SB & G)

LAS 394: Special Topics or POR 394: Special Topics or SPA 394: Special Topics

LAS 494: Special Topics or POR 494: Special Topics or SPA 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Pharmacology and Toxicology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPTXBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• MAT 210 or higher-level MA accepted. MAT 251 recommended. Students considering graduate school or research may consider the MAT 270 and MAT 271 calculus sequence as an alternative. This may require more than 120 credit hours to complete the degree. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
STP 226: Elements of Statistics (CS)	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Social-Behavioral Sciences (SB)	3		

Complete CHM 113, CHM 116 course(s).			
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
	Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
PTX 301: Basics of Pharmacology and Toxicology	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 6 76 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	• A total of four credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • A total of three credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Pharmacology and Toxicology Elective	3-5	C	
Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) (ASB 353 OR SOC 353 recommended)	3		
Cultural Diversity in the U.S. (C)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	13-15		

Term 7 89 - 104 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	4	C	• A total of four credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • A total of three credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • Gather professional references.
PTX 432: Fundamentals of Pharmacology	3	C	
Upper Division Pharmacology and Toxicology Elective	4	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language	3	C	

or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.		
Elective	1	
Term hours subtotal:	15	

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PTX 450: Pharmacology and Toxicology Laboratory	1	C	• General elective credit hours will be adjusted depending on the Pharmacology/Toxicology electives selected. Discuss with your advisor. • Apply for full-time career opportunities.
PTX 475: Principles of Toxicology	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	4-2		
Elective	2		
Term hours subtotal:	16-14		

Hide Course List(s)/Track Group(s)

Upper Division Pharamacology and Toxicology Elective

- BIO 439: Computing for Research
- CHM 302: Environmental Chemistry
- CHM 435: Medicinal Chemistry
- FOR 401: Forensic Toxicology
- LSC 425: Analytical Chemistry for Life Sciences AND LSC 426: Analytical Chemistry for Life Sciences Lab
- LSC 430: Environmental and Human Toxicology
- MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory
- PSY 470: Psychopharmacology
- PTX 388: STEM Research Fundamentals (L)
- PTX 484: Internship or PTX 493: Honors Thesis
- PTX 494: Mechanisms of Pathophysiology and Disease States
- PTX 499: Individualized Instruction

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Philosophy, Religion and Society, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASRELBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 101: Introduction to Philosophy (HU)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H. • Select Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
REL 100: Religions of the World (HU & G)	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Related Area Electives: Complete two courses (6 credits) from any of the following subjects: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST, and offered by the School of Humanities, Arts and Cultural Studies. • Explore an internship, an IGLE international experience, or ASU Study Abroad.
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 306: Applied Ethics (HU) OR IAS 406: Moral Dilemmas (L or HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Applied Ethics Track Course	3	C	
Upper Division World Religions Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 304: Existentialism (HU) OR PHI 411: Continental Philosophy (HU) OR PHI 412: Philosophy and Literary Criticism (HU)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division World Religions Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 303: The Future of Religions (L or HU) OR REL 300: The Future of Religions (L or HU) OR PHI 318: Philosophy of Religion (HU)	3	C	• Gather professional references.
Upper Division Applied Ethics Track Course	3	C	
Upper Division Race, Decoloniality, & Continental Philosophy Track Course	3	C	

Complete 2 courses: Elective	6	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Culminating Experience	3	C	• Related Area Electives: Complete two courses (6 credits) from any of the following subjects: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST, and offered by the School of Humanities, Arts and Cultural Studies. • Apply for full-time career opportunities.
Upper Division Race, Decoloniality, & Continental Philosophy Track Course	3	C	
Related Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Upper Division Tracks: Choose two courses (6 credit hours) from each of the three tracks, Applied Ethics; Race, Decoloniality, & Continental Philosophy; and World Religions. Courses taken elsewhere for the major cannot be used to also fulfill the track requirements.
Related Area Electives: Complete two courses (6 credits) from any of the following subject areas: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST, and offered by the School of Humanities, Arts and Cultural Studies (SHArCS).To determine if a course is offered by SHArCS: Locate the class in Class Search, expand the course information and click on Full Class Details.

Hide Course List(s)/Track Group(s)

Applied Ethics Track
IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)
IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
PHI 306: Applied Ethics (HU)
PHI 336: Social and Political Philosophy (HU)
PHI 360: Business and Professional Ethics (HU)
PHI 408: Feminist Ethics (HU)
PHI 415: Philosophy and Film (HU)
PHI 417: Philosophy of Censorship (L or HU)
PHI 421: Philosophical Topics
PHI 439: Philosophy of Love and Sex (HU)

Race, Decoloniality, & Continental Philosophy Track
AIS 320: American Indian Philosophies and World Views (HU & C)
ENG 401: Topics in Critical Theory
HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy
IAS 450: Philosophical and Spiritual Issues in Death and Dying or PHI 450: Philosophical and Spiritual Issues in Death and Dying or REL 450: Philosophical and Spiritual Issues in Death and Dying
PHI 304: Existentialism (HU)
PHI 311: Philosophy and Literature (HU)
PHI 339: Philosophy of Art (HU)
PHI 411: Continental Philosophy (HU)
PHI 412: Philosophy and Literary Criticism (HU)
PHI 421: Philosophical Topics
REL 345: Asian Religious Traditions (HU & G)

World Religions Track
IAS 410: Evolution of Ideas (L or HU)
IAS 430: Science and Religion (L or HU)
PHI 303: The Future of Religions (L or HU) or REL 300: The Future of Religions (L or HU)
PHI 318: Philosophy of Religion (HU)
PHI 421: Philosophical Topics
REL 310: Western Religious Traditions (HU & H)
REL 321: Religion in America ((L or HU) & C & H)
REL 345: Asian Religious Traditions (HU & G)
REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G)

	REL 391: Historical Perspectives on Philosophy and Religion
Related Area Course	Culminating Experience
AMS Elective	IAS 480: Capstone: Practices and Approaches
DST Elective	IAS 484: IAS Internship
ENG Elective	HON 493: Honors Thesis (L) or IAS 493: Honors Thesis (L) or PHI 493: Honors Thesis (L)
ETH Elective	
HRC Elective	
HST Elective	
IAP Elective	
IAS Elective	
JHR Elective	
LAS Elective	
PAX Elective	
PHI Elective	
REL Elective	
SPA Elective	
WST Elective	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Political Science, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASPOLBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C	• Student must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C
Cultural Diversity in the U.S. (C)	3	
Humanities, Arts and Design (HU)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.
- Credit is only granted for POS 110 or POS 310.
- Credit is only granted for POS 160 or POS 360.
- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

Term 4 45 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Social Justice and Inequality Interdisciplinary Track Course	3	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
Literacy and Critical Inquiry (L)	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SBS 302: Qualitative Methods OR SBS 304: Social Statistics I (CS)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SBS 302: Qualitative Methods OR SBS 304: Social Statistics I (CS)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Identity and Place Interdisciplinary Track Course	3	C	
Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Humanities, Arts and Design (HU)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
	Term hours subtotal:	15	

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Gather professional references.
★ Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS 484: Internship OR POS 498: Pro-Seminar (L) or SBS 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Interdisciplinary Tracks:
Select two classes (6 credit hours) from each of three interdisciplinary tracks (Social Justice and Inequality; Law, Citizenship, Borders; Identity and Place) for a total of 18 credit hours. Twelve credit hours must be upper-division. A minimum of six credit hours must come from the POS prefix. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

Law, Citizenship, Borders	Social Justice and Inequality	Identity and Place
ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)	ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)	ASB 211: Women in Other Cultures ((HU or SB) & G)
ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G)	ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C)	ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)	HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)	ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	JHR 100: Introduction to Social Justice and Human Rights (SB & G)	ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)
POS 210: Political Ideologies (SB)	JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H)
POS 361: American Foreign Policy (SB & G)	POS 342: Political Theory (HU or SB)	POS 150: Comparative Government (SB & G)
POS 446: Democracy (HU)	POS 446: Democracy (HU)	
POS 465: International Organization and Law (SB & G)		

POS 480: Global Justice (G) or SBS 480: Global Justice (G)	POS 480: Global Justice (G) or SBS 480: Global Justice (G)	POS 247: Introduction to Latin American Politics (SB & G)
	POS 494: Everyday Forms of Political Resistance	POS 350: Comparative Politics (SB & G)
	SBS 301: Cultural Diversity ((L or SB) & C)	POS 357: South Asia Politics (SB & G)
	SOC 270: Sociology of Race and Ethnicity (SB & C)	POS 361: American Foreign Policy (SB & G)
	SOC 331: Environmental Sociology (SB & G)	POS 437: Women, Power, and Politics (G) or SOC 437: Women, Power, and Politics (G)
	SOC 352: Social Change (SB & G & H)	SOC 264: Sociology of Gender (SB & C)
	SOC 426: Social Inequalities (SB)	SOC 270: Sociology of Race and Ethnicity (SB & C)
		WST 428: Gender, Madness and Justice (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Political Science, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPOLBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-S: The ASU New College Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C	• Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C
Cultural Diversity in the U.S. (C)	3	
Humanities, Arts and Design (HU)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.
- Credit is only granted for POS 110 or POS 310.
- Credit is only granted for POS 160 or POS 360.
- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

Term 4 45 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Social Justice and Inequality Interdisciplinary Track Course	3	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
Literacy and Critical Inquiry (L)	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Identity and Place Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Humanities, Arts and Design (HU)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
	Term hours subtotal:	15	

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Gather professional references.
★ Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS 484: Internship OR POS 498: Pro-Seminar (L) or SBS 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Interdisciplinary Tracks:
Select two classes (6 credit hours) from each of three interdisciplinary tracks (Social Justice and Inequality; Law, Citizenship, Borders; Identity and Place) for a total of 18 credit hours. Twelve credit hours must be upper-division. A minimum of six credit hours must come from the POS prefix. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

Law, Citizenship, Borders	Social Justice and Inequality	Identity and Place
ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)	ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)	ASB 211: Women in Other Cultures ((HU or SB) & G)
ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G)	ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C)	ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)	HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)	ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	JHR 100: Introduction to Social Justice and Human Rights (SB & G)	ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)
POS 210: Political Ideologies (SB)	JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H)
POS 361: American Foreign Policy (SB & G)	POS 342: Political Theory (HU or SB)	POS 150: Comparative Government (SB & G)
POS 446: Democracy (HU)	POS 446: Democracy (HU)	
POS 465: International Organization and Law (SB & G)		

POS 480: Global Justice (G) or SBS 480: Global Justice (G)	POS 480: Global Justice (G) or SBS 480: Global Justice (G)	POS 247: Introduction to Latin American Politics (SB & G)
	POS 494: Everyday Forms of Political Resistance	POS 350: Comparative Politics (SB & G)
	SBS 301: Cultural Diversity ((L or SB) & C)	POS 357: South Asia Politics (SB & G)
	SOC 270: Sociology of Race and Ethnicity (SB & C)	POS 361: American Foreign Policy (SB & G)
	SOC 331: Environmental Sociology (SB & G)	POS 437: Women, Power, and Politics (G) or SOC 437: Women, Power, and Politics (G)
	SOC 352: Social Change (SB & G & H)	SOC 264: Sociology of Gender (SB & C)
	SOC 426: Social Inequalities (SB)	SOC 270: Sociology of Race and Ethnicity (SB & C)
		WST 428: Gender, Madness and Justice (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASPGSBA

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• Students may elect to take an MA course in place of elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Interdisciplinary Computer Science Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Coursework Electives	3	C	
Natural Science - Quantitative (SQ)	4	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			

Elective	6	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement. • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Explore an internship, an IGLE international experience or ASU Study Abroad.
Complete 2 courses: Related Coursework Electives	6	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Psychology Electives must be taken from the course lists below. • PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Electives requirement. • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Psychology Elective	3	C	
Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB)	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	• Upper Division Psychology Electives must be taken from the course lists below. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Psychology Elective	3	C	
Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB)	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Elective	6	C	

Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- Upper Division Psychology Electives must be taken from the course lists below.
- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Psychology Elective	3	C	• Upper Division Psychology Electives must be taken from the course lists below. • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Apply for full-time career opportunities.
Related Coursework Electives	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	12		

- Courses used to fulfill the Upper Division Psychology Elective requirement may not be used to fulfill multiple psychology major requirements. No more than three credit hours of PSY 384, 399, 484, 493, 499 may count toward the Upper Division Psychology Elective requirement.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 325: Physiological Psychology
PSY 360: Cognitive Science
PSY 369: Biology of Human Sexuality
PSY 470: Psychopharmacology

Upper Division Social/Developmental Focus Area
PSY 315: Personality Theory and Research (SB)
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)
PSY 366: Abnormal Psychology (SB)
PSY 443: Abnormal Child Psychology (L or SB)

Psychology Electives: Biological / Learning
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 325: Physiological Psychology
PSY 369: Biology of Human Sexuality
PSY 394: Psychology of Academic Success
PSY 425: Biological Bases of Behavior (L)
PSY 470: Psychopharmacology

Psychology Electives: Clinical / Health
PSY 315: Personality Theory and Research (SB)
PSY 366: Abnormal Psychology (SB)
PSY 443: Abnormal Child Psychology (L or SB)
PSY 444: Adolescent Psychology and Psychopathology
PSY 462: Health Psychology

Psychology Electives: Experiential
PSY 344: Directed Child Study (SB)
PSY 384: Psychology Undergraduate Teaching Assistant
PSY 394: Special Topics
PSY 399: Supervised Research
PSY 484: Internship

Psychology Electives: Industrial/Organizational
PSY 453: Organizational Behavior (SB)
PSY 468: Psychology and Law

PSY 465: Psychology of Stress and Coping	PSY 493: Honors Thesis (L) or HON 493: Honors Thesis (L)	
PSY 472: Clinical Psychology	PSY 494: Special Topics	
PSY 475: Multicultural Issues in Clinical Psychology	PSY 499: Individualized Instruction	
Psychology Electives: Life Span/Development	**Psychology Electives: Methodology and Critical Thinking**	**Psychology Electives: Social Influence**
PSY 341: Developmental Psychology (SB)	PSY 304: Effective Thinking (L)	PSY 306: Environmental Psychology (SB)
PSY 394: Positive Psychology: The Science of Happiness	PSY 330: Statistical Methods (CS)	PSY 350: Social Psychology (SB)
PSY 394: Positive Psychology of Emotional Intelligence		PSY 370: Interpersonal Relationships (SB)
PSY 446: Social Development (L or SB)		PSY 385: Psychology of Gender (SB)
PSY 447: Psychology of Aging (SB)		
Interdisciplinary Computer Science Requirement	**Related Coursework Electives**	
ACO 100: All About Data: Design, Query, and Visualization (CS)	ASB Elective	
CIS 105: Computer Applications and Information Technology (CS)	ASM Elective	
CSE 180: Computer Literacy (CS)	COM Elective	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	JHR Elective	
	POS Elective	
	PSY Elective	
	SBS Elective	
	SOC Elective	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASPGSBA

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 meets this requirement. • SBS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take an MA course in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A. • View ASU Online first-year student registration information here.
Interdisciplinary Computer Science Course	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Coursework Elective	3	C	
Historical Awareness (H)	3		

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Create a first draft resume.
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		• Build your professional skills.
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	7		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• PSY 230 may not be used to fulfill the Interdisciplinary Computer Science requirement in the major. ACO 100, CIS 105, CSE 180 or EDT 180 are required. • Build your professional connections -- join the ASU Mentor Network.
Humanities, Arts and Design (HU)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement. • Explore an IGLE international experience or ASU Study Abroad.
Global Awareness (G)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR SBS 300: Careers in Psychology	3		• SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies	3	C	

requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.		
Term hours subtotal:	6	

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Psychology Elective	3	C	• Choose Upper Division Psychology Electives from the course list below. • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Psychology Elective	3	C	• Choose Upper Division Psychology Electives from the course list below. • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Thinking about graduate school? Consider registering for a graduate school test prep course.
Related Coursework Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Related Coursework Elective	3	C	• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Create your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Use Handshake to research employment opportunities.
Related Coursework Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB)	3	C	• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Psychology Elective	3	C	• Choose Upper Division Psychology Electives from the course list below. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Psychology Elective	3	C	• Choose Upper Division Psychology Electives from the course list below.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Psychology Elective	3	C	• Choose Upper Division Psychology Electives from the course list below.
Term hours subtotal:	3		

- Courses used to fulfill the Upper Division Psychology Elective requirement may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition

Upper Divsion Social/Developmental Focus Area
PSY 315: Personality Theory and Research (SB)
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)
PSY 366: Abnormal Psychology (SB)

Upper Division Psychology Electives
PSY 304: Effective Thinking (L)
PSY 315: Personality Theory and Research (SB)
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)
PSY 366: Abnormal Psychology (SB)
PSY 385: Psychology of Gender (SB)
PSY 394: Positive Psychology of Emotional Intelligence
PSY 394: Positive Psychology: The Science of Happiness
PSY 394: Psychology of Academic Success

PSY 443: Abnormal Child Psychology (L or SB)
PSY 453: Organizational Behavior (SB)
PSY 462: Health Psychology
PSY 468: Psychology and Law
PSY 493: Honors Thesis (L)

Interdisciplinary Computer Science Requirement
ACO 100: All About Data: Design, Query, and Visualization (CS)
CIS 105: Computer Applications and Information Technology (CS)
CSE 180: Computer Literacy (CS)
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Related Coursework Electives
ASB Elective
ASM Elective
COM Elective
JHR Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASPGSBS

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• Students may elect to take an MA course in Term 1 to prepare for MAT 170 in Term 2. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Interdisciplinary Computer Science Course	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	• Additional subjects may be used to fulfill Related Coursework requirement with academic advisor approval. • Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Related Coursework Electives	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Develop your research skills. • Develop your professional skills.
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		

Humanities, Arts and Design (HU)	3	
Literacy and Critical Inquiry (L)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

- Build your professional connections -- join the ASU Mentor Network.

Term 4 47 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade
PSY 290: Research Methods (L or SG)	4	C
Global Awareness (G)	3	
Humanities, Arts and Design (HU)	3	
Elective	3	
Term hours subtotal:	13	

- Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.
- Explore an internship, an IGLE international experience or ASU Study Abroad.

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade
PSY 330: Statistical Methods (CS)	3	C
Upper Division Cognitive Science Focus Area Course	3	C
Upper Division Social/Development Focus Area Course	3	C
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Elective	2	
Term hours subtotal:	14	

- IAS 300 (3 credit hours) is required for all transfer students.
- PSY 304 Effective Thinking (L) can be used to meet the upper division General Studies Literacy and Critical Inquiry (L) requirement as well as an Upper Division Psychology Elective.
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your professional online presence.

Term 6 74 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade
Upper Division Cognitive Science Focus Area Course	3	C
Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB)	3	
Complete 2 courses: Upper Division Psychology Elective	6	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Upper Division Psychology Electives must be taken from the course lists below.
- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

Term 7 89 - 102 Credit Hours Necessary course signified by	Hours	Minimum Grade
Complete 2 courses: Upper Division Psychology Elective	6	C

- Psychology BS majors are required to complete one Life Science lecture/lab

Life Science Lecture and Lab Course	4	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Term hours subtotal:	13	

course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.

- Upper Division Psychology Electives must be taken from the course lists below.
- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
- Gather professional references.

Term 8 102 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Psychology Elective	3	C	• Upper Division Psychology Electives must be taken from the course lists below. • Apply for full-time career opportunities.
Upper Division Elective OR PSY 484: Internship	3		
Upper Division Elective	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	18		

- Courses used to fulfill the Psychology Elective requirement can only apply once in the major and may not be used to fulfill multiple psychology major requirements. No more than three credit hours of PSY 384, 399, 484, 493, or 499 may count toward the Upper Division Psychology Elective requirement.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Upper Division Social/Developmental Focus Area	Psychology Electives: Biological / Learning
PSY 320: Learning and Motivation	PSY 315: Personality Theory and Research (SB)	PSY 320: Learning and Motivation
PSY 323: Sensation and Perception	PSY 341: Developmental Psychology (SB)	PSY 323: Sensation and Perception
PSY 324: Memory and Cognition	PSY 350: Social Psychology (SB)	PSY 324: Memory and Cognition
PSY 325: Physiological Psychology	PSY 366: Abnormal Psychology (SB)	PSY 325: Physiological Psychology
PSY 360: Cognitive Science	PSY 443: Abnormal Child Psychology (L or SB)	PSY 369: Biology of Human Sexuality
PSY 369: Biology of Human Sexuality		PSY 394: Psychology of Academic Success
PSY 470: Psychopharmacology		PSY 425: Biological Bases of Behavior (L)
		PSY 470: Psychopharmacology

Psychology Electives: Clinical / Health	Psychology Electives: Experiential	Psychology Electives: Methodology and Critical Thinking
PSY 315: Personality Theory and Research (SB)	PSY 344: Directed Child Study (SB)	PSY 304: Effective Thinking (L)
PSY 366: Abnormal Psychology (SB)	PSY 384: Psychology Undergraduate Teaching Assistant	
	PSY 394: Special Topics	

PSY 443: Abnormal Child Psychology (L or SB)	PSY 399: Supervised Research	
PSY 444: Adolescent Psychology and Psychopathology	PSY 484: Internship	
PSY 462: Health Psychology	PSY 493: Honors Thesis (L) or HON 493: Honors Thesis (L)	
PSY 465: Psychology of Stress and Coping	PSY 494: Special Topics	
PSY 472: Clinical Psychology	PSY 499: Individualized Instruction	
PSY 475: Multicultural Issues in Clinical Psychology		

Psychology Electives: Industrial / Organizational	Psychology Electives: Life Span / Development	Psychology Electives: Social Influence
PSY 453: Organizational Behavior (SB)	PSY 341: Developmental Psychology (SB)	PSY 306: Environmental Psychology (SB)
PSY 468: Psychology and Law	PSY 394: Positive Psychology: The Science of Happiness	PSY 350: Social Psychology (SB)
	PSY 394: Positive Psychology of Emotional Intelligence	PSY 370: Interpersonal Relationships (SB)
	PSY 446: Social Development (L or SB)	PSY 385: Psychology of Gender (SB)
	PSY 447: Psychology of Aging (SB)	

Related Coursework Electives	Interdisciplinary Computer Science Requirement	Life Science Lecture and Lab Course
ASB Elective	ACO 100: All About Data: Design, Query, and Visualization (CS)	BCH Elective
ASM Elective	CIS 105: Computer Applications and Information Technology (CS)	BIO Elective
COM Elective	CSE 180: Computer Literacy (CS)	FOR Elective
JHR Elective	EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	LSC Elective
POS Elective		MIC Elective
PSY Elective		
SBS Elective		
SOC Elective		

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASPGSBS

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• ASU 101 or college-specific First-Year Seminar is required of all first-year students. NEW 101 fulfills this requirement. • SBS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take an MA course in Term 1-B to prepare for MAT 170 in Term 2-A. • View ASU Online first-year student registration information here.
Interdisciplinary Computer Science Course	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	• Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.
Life Science Lecture and Lab Course	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		• Create a first draft resume.
Historical Awareness (H)	3		

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	6	

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. • Develop your professional skills.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Build your professional connections -- join the ASU Mentor Network.
Humanities, Arts and Design (HU)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. • Explore an IGLE international experience or ASU Study Abroad.
Global Awareness (G)	3		
Term hours subtotal:	7		

Term 4 - B 46 - 52 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 52 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 330: Statistical Methods (CS)	3	C	
Upper Division Social/Developmental Focus Area Course	3	C	
Elective	1		
Term hours subtotal:	7		

Term 5 - B 59 - 65 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR SBS 300: Careers in Psychology	3		• SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 65 - 71 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 77 - 84 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Psychology Elective	3	C	• Upper Division Psychology Electives must be taken from the course lists below. • Thinking about graduate school? Consider registering for a grad school test prep course .
Elective	4		
Term hours subtotal:	7		

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB)	3		• Create your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	• Use Handshake to research employment opportunities.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Psychology Elective	3	C	• Upper Division Psychology Electives must be taken from the course lists below.
Related Coursework Elective	3	C	
Term hours subtotal:	6		

- Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
- Complete an in person or virtual practice interview.

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Psychology Elective	3	C	• Upper Division Psychology Electives must be taken from the the course lists below. • PSY 304 may be used to fulfill the upper division General Studies Literacy and Critical Inquiry (L) and the upper division Psychology Elective requirement in the major. • Gather professional references.
Upper Division Literacy and Critical Inquiry (L)	3	C	
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Psychology Elective	3	C	• Upper Division Psychology Electives must be taken from the course lists below. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Psychology Elective	3	C	• Upper Division Psychology Elective must be taken from the course list below.
Elective	3		
Term hours subtotal:	6		

- Courses used to fulfill Psychology Elective requirements may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition

Upper Division Social/Developmental Focus Area
PSY 315: Personality Theory and Research (SB)
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)
PSY 366: Abnormal Psychology (SB)

Upper Division Psychology Electives
PSY 304: Effective Thinking (L)
PSY 315: Personality Theory and Research (SB)
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 394: Positive Psychology: The Science of Happiness
PSY 394: Positive Psychology of Emotional Intelligence
PSY 394: Psychology of Academic Success
PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)
PSY 366: Abnormal Psychology (SB)
PSY 385: Psychology of Gender (SB)
PSY 443: Abnormal Child Psychology (L or SB)
PSY 453: Organizational Behavior (SB)
PSY 462: Health Psychology
PSY 468: Psychology and Law
PSY 493: Honors Thesis (L)

Related Coursework Electives
ASB Elective
ASM Elective
COM Elective
JHR Elective
PSY Elective
SBS Elective
SOC Elective

Interdisciplinary Computer Science Requirement
ACO 100: All About Data: Design, Query, and Visualization (CS)
CIS 105: Computer Applications and Information Technology (CS)
CSE 180: Computer Literacy (CS)
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Life Science Lecture and Lab Course
BCH Elective
BIO Elective
FOR Elective
LSC Elective
MIC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology (Forensic Psychology), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPGSFPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• Students may elect to take an MA course in place of Elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Interdisciplinary Computer Science Course	3	C	
Related Coursework Elective	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 211: The Criminal Mind	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		• Develop your research skills.

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Literacy and Critical Inquiry (L)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 309: Criminology (SB)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Elective. • Thinking about graduate school? Consider registering for a graduate test prep course. • Develop your professional online presence.
PSY 366: Abnormal Psychology (SB)	3	C	
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 368: Forensic Psychology	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
PSY 467: Psychology of Criminal Investigation	3	C	
Upper Division Social/Developmental Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 468: Psychology and Law	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the
Upper Division Cognitive Science Focus Area Course	3	C	

Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	General Studies Awareness Areas (C) and (G) requirements. • Gather professional references.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 474: Correctional Psychology	3	C	• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. • Apply for full-time career opportunities.
Related Coursework Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 325: Physiological Psychology
PSY 360: Cognitive Science
PSY 369: Biology of Human Sexuality
PSY 470: Psychopharmacology

Upper Divison Social/Developmental Focus Area Course
PSY 315: Personality Theory and Research (SB)
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)

Interdisciplinary Computer Science Requirement
ACO 100: All About Data: Design, Query, and Visualization (CS)
CIS 105: Computer Applications and Information Technology (CS)
CSE 180: Computer Literacy (CS)
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Related Coursework Electives
ASB Elective
ASM Elective
COM Elective
JHR Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology (Forensic Psychology), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASPGSFPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 fulfills this requirement. • SBS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Computer Science Course	3	C	• Students may elect to take an MA course in place of Elective in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A. • View ASU Online first-year registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	• Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 211: The Criminal Mind	3	C	• Secure a part-time job or volunteer experience.
Natural Science - Quantitative (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Develop your professional skills.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	• Build your professional connections -- join the ASU Mentor Network.
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Explore an IGLE international experience or ASU Study Abroad.
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 366: Abnormal Psychology (SB)	3	C	• Develop your professional online presence.
Upper Division Cognitive Science Focus Area Course	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 309: Criminology (SB)	3	C	• SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Thinking about graduate school? Consider registering for a grad school test prep course .
Upper Division Elective OR SBS 300: Careers in Psychology	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 368: Forensic Psychology	3	C	
Related Coursework Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Social/Developmental Focus Area Course	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
PSY 467: Psychology of Criminal Investigation	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 468: Psychology and Law	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Language and Cultures requirement may not also be used to fulfill the General Awareness Areas (C) and (G) requirements. • Gather professional references.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 474: Correctional Psychology	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 96 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Language and Cultures requirement may not also be used to fulfill the General Awareness Areas (C) and (G) requirements.
Term hours subtotal:	3		

Term 9 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Literacy and Critical Inquiry (L)	3		• PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Elective requirement. • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
Elective	3		
Term hours subtotal:	6		

Term 9 - B 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★	Related Coursework Elective	3	C	• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
	Elective	3		
	Term hours subtotal:	6		

Term 10 - A 108 - 114 Credit Hours Necessary course signified by ★		Hours	Minimum Grade	Notes
★	*Complete 2 courses:* Elective	6		
	Term hours subtotal:	6		

Term 10 - B 114 - 120 Credit Hours		Hours	Minimum Grade	Notes
	Complete 2 courses: Elective	6		• Apply for full-time career opportunities.
	Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition

Upper Division Social/Developmental Focus Area
PSY 315: Personality Theory and Research (SB)
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)

Interdisciplinary Computer Science Requirement
ACO 100: All About Data: Design, Query, and Visualization (CS)
CIS 105: Computer Applications and Information Technology (CS)
CSE 180: Computer Literacy (CS)
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Related Coursework Electives
ASB Elective
ASM Elective
COM Elective
JHR Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology (Forensic Psychology), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPGSFPBS

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB)	3	C	• Students may elect to take an MA course in Term 1 in place of an Elective in order to prepare for MAT 170 in Term 2. • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Interdisciplinary Computer Science Course	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 211: The Criminal Mind	3	C	• Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
MAT 170: Precalculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		

Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Explore an internship, an IGLE international experience or ASU Study Abroad.
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 309: Criminology (SB)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a graduate test prep course. • Develop your professional online presence.
PSY 330: Statistical Methods (CS)	3	C	
PSY 366: Abnormal Psychology (SB)	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 368: Forensic Psychology	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
PSY 467: Psychology of Criminal Investigation	3	C	
Upper Division Social/Developmental Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 468: Psychology and Law	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. • Gather professional references.
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies	3	C	

	requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.		
	Upper Division Elective	3	
	Elective	3	
	Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 474: Correctional Psychology	3	C	• Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. • Apply for full-time career opportunities.
Life Science Lecture and Lab Course	4	C	
Complete 2 courses: Elective	5		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course	Upper Division Social/Developmental Focus Area Course	Interdisciplinary Computer Science Requirement
PSY 320: Learning and Motivation	PSY 315: Personality Theory and Research (SB)	ACO 100: All About Data: Design, Query, and Visualization (CS)
PSY 323: Sensation and Perception	PSY 341: Developmental Psychology (SB)	CIS 105: Computer Applications and Information Technology (CS)
PSY 324: Memory and Cognition	PSY 350: Social Psychology (SB)	CSE 180: Computer Literacy (CS)
PSY 325: Physiological Psychology		EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)
PSY 360: Cognitive Science		
PSY 369: Biology of Human Sexuality		
PSY 470: Psychopharmacology		
Life Science Lecture and Lab Course		
BCH Elective		
BIO Elective		
FOR Elective		
LSC Elective		
MIC Elective		

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology (Forensic Psychology), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASPGSFPBS

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PSY 101: Introduction to Psychology (SB)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
Interdisciplinary Computer Science Course	3	C	• Students may elect to take an MA course in place of Elective in Term 1-B if needed to prepare for MAT 170 in Term 2-A. • View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
MAT 170: Precalculus (MA)	3	C	• Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PSY 211: The Criminal Mind	3	C	• Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

credit hours). PSY 290 may be used to fulfill the SG requirement.

- Secure a part-time job or volunteer experience.

Term 3 - A 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Develop your professional skills.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	• Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Explore an internship, an IGLE international experience or ASU Study Abroad.
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 309: Criminology (SB)	3	C	• Develop your professional online presence.
PSY 366: Abnormal Psychology (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 330: Statistical Methods (CS)	3	C	• SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Thinking about graduate school? Consider registering for a grad school test prep course .
Upper Division Elective OR SBS 300: Careers in Psychology	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
PSY 368: Forensic Psychology	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PSY 467: Psychology of Criminal Investigation	3	C	

Upper Division Elective	3		• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 82 Credit Hours	Hours	Minimum Grade	Notes
Life Science Lecture and Lab Course	4	C	• Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.
Upper Division Social/Developmental Focus Area Course	3	C	
Term hours subtotal:	7		

Term 7 - B 82 - 88 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 468: Psychology and Law	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. • Gather professional references.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 474: Correctional Psychology	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes

Upper Division Cognitive Science Focus Area Course	3	C
Elective	3	
Term hours subtotal:	6	

Term 10 - A 112 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 3 courses:* Elective	8		
Term hours subtotal:	8		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course
PSY 320: Learning and Motivation
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition

Upper Division Social/Developmental Focus Area Course
PSY 315: Personality Theory and Research (SB)
PSY 341: Developmental Psychology (SB)
PSY 350: Social Psychology (SB)

Interdisciplinary Computer Science Requirement
ACO 100: All About Data: Design, Query, and Visualization (CS)
CIS 105: Computer Applications and Information Technology (CS)
CSE 180: Computer Literacy (CS)
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Life Science Lecture and Lab Course
BCH Elective
BIO Elective
FOR Elective
LSC Elective
MIC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social Justice and Human Rights, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASJHRBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JHR 100: Introduction to Social Justice and Human Rights (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S meets this requirement. • IAS 300 is required by all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3	C	
NEW 101-S: The ASU New College Experience	1		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Law, Citizenship, Borders Interdisciplinary Track Course	3	C	• Select and complete nine credit hours from each of three interdisciplinary tracks below. • Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Identity and Place Interdisciplinary Track Course	3	C	• Select and complete nine credit hours from each of three interdisciplinary tracks below. • Explore an internship, IGLE international experience, or ASU Study Abroad.
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	• Select and complete nine credit hours from each of three interdisciplinary tracks below. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Upper Division Identity and Place Interdisciplinary Track Course	3	C	
Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	• Gather professional references.
Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JHR 493: Honors Thesis OR JHR 484: Internship OR JHR 485: Social Justice and Human Rights Capstone OR SBS 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
Upper Division Identity and Place Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- Complete nine credit hours from each of three interdisciplinary tracks below for a total of 27 credit hours. Eighteen credit hours must be upper-division. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

Social Justice and Inequality Interdisciplinary	Law, Citizenship, Borders Interdisciplinary	Identity and Place Interdisciplinary
ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)	ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)	ASB 211: Women in Other Cultures ((HU or SB) & G)
ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C)	ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G)	ASB 394: World Languages and Identity or ENG 394: World Languages and Identity or JHR 394: World Languages and Identity
HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)	JHR 425: The Politics of Immigration	ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)
JHR 294: Human Rights & Data	JHR 494: International Law and Human Rights	ETH 433: Race and Sexualities in Social Justice Movements or JHR 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
JHR 378: Poverty, Inequality and Social Justice in Latin America	POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)	ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)
POS 342: Political Theory (HU or SB)	POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	FOR 449: Latin American Cinema: The Dead and the Disappeared (G & H) or JHR 494: Latin American Cinema: The Dead & Disappeared or LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)
POS 446: Democracy (HU)	POS 210: Political Ideologies (SB)	HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H)
POS 480: Global Justice (G) or SBS 480: Global Justice (G)	POS 361: American Foreign Policy (SB & G)	JHR 394: Human Rights in the Global South
POS 494: Everyday Forms of Political Resistance	POS 446: Democracy (HU)	JHR 494: Political Representation in Latin America
SBS 301: Cultural Diversity ((L or SB) & C)	POS 465: International Organization and Law (SB & G)	
SOC 270: Sociology of Race and Ethnicity (SB & C)	POS 480: Global Justice (G) or SBS 480: Global Justice (G)	
SOC 331: Environmental Sociology (SB & G)		
SOC 352: Social Change (SB & G & H)		
SOC 426: Social Inequalities (SB)		

POS 150: Comparative Government (SB & G)

POS 247: Introduction to Latin American Politics (SB & G)

POS 350: Comparative Politics (SB & G)

POS 357: South Asia Politics (SB & G)

POS 361: American Foreign Policy (SB & G)

POS 437: Women, Power, and Politics (G) or SOC 437: Women, Power, and Politics (G)

SOC 264: Sociology of Gender (SB & C)

SOC 270: Sociology of Race and Ethnicity (SB & C)

WST 428: Gender, Madness and Justice (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social Justice and Human Rights, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: ASU Local
ASJHRBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JHR 100: Introduction to Social Justice and Human Rights (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Mathematics (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		• Review the Career Guide for ASU Online students to learn about available career planning resources.
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Create a first draft resume.
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Identity and Place Interdisciplinary Track Course	3	C	• Select and complete nine credit hours from each of three interdisciplinary tracks below.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

		Minimum	

Term 3 - B 32 - 39 Credit Hours Critical course signified by	Hours	Grade	Notes
Historical Awareness (H)	3		• Build your professional connections -- join the ASU Mentor Network.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 39 - 45 Credit Hours	Hours	Minimum Grade	Notes
Social Justice and Inequality Interdisciplinary Track Course	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	

Upper Division Elective	3	
Term hours subtotal:	6	

- Thinking about graduate school? Consider registering for a grad school test prep course.

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	• Create your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Use Handshake to research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	• Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JHR 485: Social Justice and Human Rights Capstone OR JHR 493: Honors Thesis	3	C	• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

- Complete nine credit hours from each of three interdisciplinary tracks below for a total of 27 credit hours. Eighteen credit hours must be upper-division. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

Social Justice and Inequality Interdisciplinary
ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)
JHR 294: Human Rights & Data
JHR 378: Poverty, Inequality and Social Justice in Latin America
POS 446: Democracy (HU)
SOC 352: Social Change (SB & G & H)
WST 380: Race, Gender, and Class (SB & C)

Law, Citizenship, Borders Interdisciplinary
ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)
JHR 425: The Politics of Immigration
JHR 494: International Law and Human Rights
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)
POS 210: Political Ideologies (SB)
POS 361: American Foreign Policy (SB & G)
POS 446: Democracy (HU)
POS 465: International Organization and Law (SB & G)

Identity and Place Interdisciplinary
JHR 394: Human Rights in the Global South
JHR 394: World Languages and Identity
JHR 433: Race and Sexualities in Social Justice Movements
JHR 494: Political Representation in Latin America
POS 150: Comparative Government (SB & G)
POS 350: Comparative Politics (SB & G)
POS 361: American Foreign Policy (SB & G)
SOC 264: Sociology of Gender (SB & C)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Behavioral Sciences, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSBSBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3	C	
Elective	2		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Program Elective	3	C	• Create a first draft resume. • Join a student club or professional organization • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SBS 200: Introduction to Social and Behavioral Sciences (SB)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Program Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods	3	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
Program Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 301: Cultural Diversity ((L or SB) & C)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Completion of SBS 301 in Term 5 and the Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement. • Develop your professional online presence. • Thinking about graduate school? Consider registering for a grad school test prep course.
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 484: Internship OR SBS 498: Pro-Seminar (L)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Program Elective	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Program Elective	6	C	• Completion of SBS 301 in Term 5 and Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement. • Gather professional references.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses:			• Apply for full-time career opportunities.

★ Upper Division Program Elective		9	C
Complete 2 courses: Elective		6	
	Term hours subtotal:	15	

- Program Electives: A minimum of 12 credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Working with an advisor, select and complete courses from at least **three** prefixes offered by the School of Social and Behavioral Sciences: ASB, COM, JHR, POS, PSY or SOC. Up to nine credit hours of 484 Internship, 499 Supervised Research and 499 Individualized Instruction may be applied toward the major. Program elective requirements may be partially fulfilled by completion of a Certificate in Applied Social Sciences, Diversity and Equity Studies, or Power and Society.

Hide Course List(s)/Track Group(s)

Introductory Social and Behavioral Science Course
ASB 102: Introduction to Cultural Anthropology (SB & G)
COM 100: Introduction to Human Communication (SB)
JHR 100: Introduction to Social Justice and Human Rights (SB & G)
POS 110: American Government and Politics (SB)
PSY 101: Introduction to Psychology (SB)
SOC 101: Introductory Sociology (SB)
SOS 111: Sustainable Cities ((HU or SB) & G)

Program Electives
ASB Elective
COM Elective
JHR Elective
POS Elective
PSY Elective
SOC Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Behavioral Sciences, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSBSBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB)	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3	C	
Elective	2		
Term hours subtotal:	15		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Program Elective	3	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 29 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SBS 200: Introduction to Social and Behavioral Sciences (SB)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
SBS 304: Social Statistics I (CS)	3	C	
Program Elective	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SBS 303: Quantitative Methods	3	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
Program Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 301: Cultural Diversity ((L or SB) & C)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Develop your professional online presence. • Thinking about graduate school? Consider registering for a grad school test prep course.
SBS 302: Qualitative Methods	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 484: Internship OR SBS 498: Pro-Seminar (L)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Program Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Program Elective	6	C	• Gather professional references.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Elective	3		

Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Program Elective	6	C	• Apply for full-time career opportunities.
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

- Program Electives: A minimum of 12 credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Working with an advisor, select and complete courses from at least **three** prefixes offered by the School of Social and Behavioral Sciences: ASB, COM, JHR, POS, PSY or SOC. Up to nine credit hours of 484 Internship, 499 Supervised Research and 499 Individualized Instruction may be applied toward the major. Program elective requirements may be partially fulfilled by completion of a Certificate in Applied Social Sciences, Diversity and Equity Studies, or Power and Society.

Hide Course List(s)/Track Group(s)

Introductory Social and Behavioral Science Course
ASB 102: Introduction to Cultural Anthropology (SB & G)
COM 100: Introduction to Human Communication (SB)
JHR 100: Introduction to Social Justice and Human Rights (SB & G)
POS 110: American Government and Politics (SB)
PSY 101: Introduction to Psychology (SB)
SOC 101: Introductory Sociology (SB)
SOS 111: Sustainable Cities ((HU or SB) & G)

Program Electives
ASB Elective
COM Elective
JHR Elective
POS Elective
PSY Elective
SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Cultural Analysis (American Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAASBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
Mathematics (MA) (MAT 142 recommended)	3	C	
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Humanities, Arts and Design (HU)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Complete 2 courses: Elective	6		
Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.			
	Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
American Studies Concentration Course	3	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: Upper Division American Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Critical course signified by Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division American Studies Concentration Course	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division American Studies Concentration Course	3	C	• Gather professional references.
Upper Division Elective OR IAS 484: Internship	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division American Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the American Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

American Studies Concentration Course
AMS 201: Introduction to American Studies (L & C)
AMS 276: U.S. Women's Movements (H & C)
AMS 326: Popular Culture
AMS 330: American Lives (HU & C)
AMS 334: Class in America (SB) or ETH 333: Class in America (SB) or WST 334: Class in America (SB)
AMS 336: The American Southwest in Literature and Film ((L or HU) & C)
AMS 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
AMS 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
AMS 380: Race, Gender, and Class (SB & C)
AMS 412: Studies in American Politics and Law (H)
AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H)
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
AMS 450: Latina/os, Schooling and Social Inequality (C)
AMS 469: Abject Bodies and the Politics of Trash (SB & C)
ENG 337: Major American Novels (L or HU)
HST 320: U.S. Urban History since 1850 (SB & H)
HST 413: Contemporary America ((L or SB) & H)

HST 419: 20th Century Chicano/a History (C)

REL 321: Religion in America ((L or HU) & C & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAERBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
Mathematics (MA) (MAT 142 recommended)	3	C	
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			

Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Ethnicity, Race and Indigenous Studies Concentration Course	3	C	• Explore an internship, IGLE international experience or ASU Study Abroad.
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement. • IAS 300 (three credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Critical course signified by Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	3	C	• Gather professional references.
Upper Division Elective OR IAS 484: Internship	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the Ethnicity, Race and Indigenous Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

Ethnicity, Race, and Indigneous Studies Concentration
ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 420: Multicultural Autobiographies ((L or HU) & C)
ENG 462: Africana Literature (HU & G)
ENG 463: African American Literature
ETH 100: Ethnic and Indigenous Lives (SB & C)
ETH 334: The American Southwest in Literature and Film ((L or HU) & C)
ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ETH 380: Race, Gender, and Class (SB & C)
ETH 428: Peoples and Cultures of the American West, to 1848 (SB & H)
ETH 430: Gender on the Borderlands (SB & G)
ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
ETH 450: Latina/os, Schooling and Social Inequality (C)

ETH 469: Abject Bodies and the Politics of Trash (SB & C)

ETH 473: Indigenous and Latina/Chicana Representation (SB & C)

HST 419: 20th Century Chicano/a History (C) or LAS 419: 20th Century Chicano/a History (C)

SBS 301: Cultural Diversity ((L or SB) & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Cultural Analysis (Latin American Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCALABA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.		
Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Latin American Studies Concentration Course	3	C	• Explore an internship, IGLE international experience or ASU Study Abroad.
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Critical course signified by Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• HRC 310 fulfills three credit hours of the New College Language and Cultures requirement. • IAS 300 (three credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: Upper Division Latin American Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Latin American Studies Concentration Course	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Latin American Studies Concentration Course	3	C	• Gather professional references.
Upper Division Elective OR LAS 484: Internship	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Latin American Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the Latin American Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

Latin American Studies Concentration
LAS 205: Deep Roots: Latin America (HU & G)
LAS 206: Locating Latin America:Interdisciplinary Methods
LAS 330: From the Inside: The Latin American Journey (HU)
LAS 340: Latin American Women Writers (HU & G)
LAS 350: The Construction of a Nation: Chile in the 20th/21st Century
LAS 351: Cityscapes: Urban Mexican Literature and Culture
LAS 355: Contemporary Mexican Cinema: Changing Cartographies
LAS 375: Colonial Latin America (SB & H)
LAS 376: Modern Latin America (SB & G & H)
LAS 404: Conquest and Encounters in Colonial Latin America (L & G)
LAS 419: 20th Century Chicano/a History (C)
LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H)
LAS 430: Gender on the Borderlands (SB & G)
LAS 441: Latin America and the World Economy (L & G & H)
LAS 450: Latina/os, Schooling and Social Inequality (C)
LAS 471: Treaties and Cultural Production in Spain and the Americas
LAS 473: Indigenous and Latina/Chicana Representation (SB & C)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Cultural Analysis (Peace Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAPSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Historical Awareness (H)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For any questions, please speak with an academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.			
	Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Peace Studies Concentration Course	3	C	• Explore an internship, IGLE international experience or ASU Study Abroad.
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement. • IAS 300 (three credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: Upper Division Peace Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Critical course signified by Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Peace Studies Concentration Course	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Peace Studies Concentration Course	3	C	• Gather professional references.
Upper Division Elective OR IAS 484: Internship	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

⭐ HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Peace Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the Peace Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

Peace Studies Concentration
AMS 276: U.S. Women's Movements (H & C) or WST 276: U.S. Women's Movements (H & C)
ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)
COM 312: Communication, Conflict, and Negotiation
COM 423: Facilitating Collaboration and Dialogue
ENG 312: English in its Social Setting (L or HU or SB)
ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
HST 454: History of Genocide (G & H) or FOR 454: History of Genocide (G & H)
IAP 307: Art and War (HU & G)
IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
JHR 100: Introduction to Social Justice and Human Rights (SB & G)
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)
NEW 100: Introduction to Conflict Resolution
PAX 230: Introduction to Peace Studies (G)
PHI 306: Applied Ethics (HU)
POS 480: Global Justice (G) or SBS 480: Global Justice (G)
SOC 241: Modern Social Problems (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Cultural Analysis (Queer and Sexuality Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAQSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			

Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Queer and Sexuality Studies Concentration Course	3	C	• Explore an internship, IGLE international experience or ASU Study Abroad.
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement. • IAS 300 (three credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: Upper Division Queer and Sexuality Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Queer and Sexuality Studies Concentration Course	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Queer and Sexuality Studies Concentration Course	3	C	• Gather professional references.
Upper Division Elective OR WST 484: Internship	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

		Minimum	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.>
Complete 2 courses: Upper Division Queer and Sexuality Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the Queer and Sexuality Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.
- If WST 100 is taken in Term 2, WST 100 and WST 300 may not be taken as Concentration Courses.

Hide Course List(s)/Track Group(s)

Queer and Sexuality Studies Concentration

AMS 276: U.S. Women's Movements (H & C) or WST 276: U.S. Women's Movements (H & C)

ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy

ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements

SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 376: Feminist Theory (H & C)

WST 380: Race, Gender, and Class (SB & C)

WST 428: Gender, Madness and Justice (SB)

WST 444: Gender, Health, and Bodies (SB)

WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)

WST 457: Women, Cultures, and Societies (SB & G)

WST 469: Abject Bodies and the Politics of Trash (SB & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social and Cultural Analysis (Women and Gender Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAWSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101-H. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.			
	Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Women and Gender Studies Concentration Course	3	C	• Explore an internship, IGLE international experience or ASU Study Abroad.
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	• HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement. • IAS 300 (three credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Complete 2 courses: Upper Division Women and Gender Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Critical course signified by Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Women and Gender Studies Concentration Course	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Concentration Course	3	C	• Gather professional references.
Upper Division Elective OR WST 484: Internship	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Women and Gender Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the Women and Gender Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

Women and Gender Studies Concentration
ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy
ENG 454: Gender and Literature (L or HU) or WST 454: Gender and Literature (L or HU)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
SBS 301: Cultural Diversity ((L or SB) & C)
WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)
WST 220: Gender, Media and Culture (HU & C)
WST 276: U.S. Women's Movements (H & C)
WST 333: Critical Perspectives on Sexuality (SB & C)
WST 341: Latin American Women Writers (HU & G)
WST 370: Chronicling Women's Lives (HU & C)
WST 376: Feminist Theory (H & C)
WST 380: Race, Gender, and Class (SB & C)
WST 390: Women, Gender and Religion (HU & G)
WST 428: Gender, Madness and Justice (SB)
WST 430: Gender on the Borderlands (SB & G)
WST 433: Race and Sexualities in Social Justice Movements or ETH 433: Race and Sexualities in Social Justice Movements
WST 444: Gender, Health, and Bodies (SB)

WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)

WST 457: Women, Cultures, and Societies (SB & G)

WST 469: Abject Bodies and the Politics of Trash (SB & C)

WST 473: Indigenous and Latina/Chicana Representation (SB & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sociology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU at Lake Havasu
ASSOCBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC Elective	3	C	• For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 304: Social Statistics I (CS)	3	C	• IAS 300 (three credit hours) is required for all transfer students. • For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Related Area Course	3	C	
SOC Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 302: Qualitative Methods	3	C	• For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Complete 2 courses: SOC Upper Division Elective	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 426: Social Inequalities (SB) OR SOC 486: Contemporary Theory (SB)	3	C	• For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives. • Gather professional references.
Related Area Course	3	C	
SOC Upper Division Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language	3	C	

or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.		
Upper Division Elective	3	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC Upper Division Elective	3	C	• For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives. • Apply for full-time career opportunities.
Related Area Course	3	C	
Upper Division Elective OR SOC 484: Internship	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Related Area Courses
ASB Elective
JHR Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sociology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSOCBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3	C	
NEW 101-S: The ASU New College Experience	1		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC Elective	3	C	• For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Related Area Course	6	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 304: Social Statistics I (CS)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
Related Area Course	3	C	
SOC Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SBS 303: Quantitative Methods	3	C	• For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Complete 2 courses: SOC Upper Division Elective	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC Upper Division Elective	3	C	• For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives. • Gather professional references.
Related Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	

Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC 426: Social Inequalities (SB) OR SOC 486: Contemporary Theory (SB)	3	C	• For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS. • A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives. • Apply for full-time career opportunities.
SOC Upper Division Elective	3	C	
Upper Division Elective OR SOC 484: Internship	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Related Area Courses
ASB Elective
JHR Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Spanish, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSPABA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 102: Elementary Spanish II	4	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H. • SPA 101 is for true beginners, is considered introductory, does not count toward the major, and taking it will extend the amount of time to degree completion. See academic advisor for more information. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 201: Intermediate Spanish (G)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 202: Intermediate Spanish (G)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)	3	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Related Area Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
SPA 325: Introduction to Hispanic Literature (HU)	3	C	
Upper Division Spanish Culture and Civilization Course	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Spanish Culture and Civilization Course	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Spanish Literature Course	3	C	
Related Area Elective	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Spanish Literature Course	3	C	• Gather professional references.
Upper Division Spanish Culture and Civilization Course	3	C	
Complete 2 courses: Related Area Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Spanish Culture and Civilization Course	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Spanish Literature Course	6	C	
Upper Division Elective OR SPA 484: Internship	3		

Elective	3
Term hours subtotal:	15

- Literature: choose 12 hours (four courses)
- Spanish Culture and Civilization: choose 12 hours (four courses). Courses taught in English will require all written work in Spanish for major credit.
- Related Area Electives: total of 12 hours (four courses). Choose from SPA, LAS or Related Area Electives List. Other courses must be approved by an academic advisor.

Hide Course List(s)/Track Group(s)

Upper Division Spanish Literature Courses
LAS 340: Latin American Women Writers (HU & G)
LAS 351: Cityscapes: Urban Mexican Literature and Culture
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)
SPA 426: Literature and Society in Modern Spain (HU)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G)
SPA 434: Drama of the Golden Age
SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)
SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

Upper Division Spanish Culture and Civilization Courses
LAS 355: Contemporary Mexican Cinema: Changing Cartographies
LAS 394: Special Topics
LAS 394: Global Central America: Markets, Migrations, Media or SPA 394: Global Central America: Markets, Migrations, Media
LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)
LAS 471: Treaties and Cultural Production in Spain and the Americas
LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)
LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)
LAS 494: Special Topics
SPA 394: Special Topics
SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)
SPA 472: Latin American Society: Five Case Studies (HU & H & G)
SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)
SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)
SPA 494: Special Topics

Related Area Electives
ASB 356: Central American Studies (SB & G) or SBS 356: Central American Studies (SB & G) or SOC 356: Central American Studies (SB & G) or POS 354: Central American Studies (SB & G)
ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
HST 324: Latin American Food: Politics, Economics, Culture and Society (SB & G & H) or LAS 324: Latin American Food: Politics, Economics, Culture and Society (SB & G & H)
LAS 205: Deep Roots: Latin America (HU & G)
LAS 206: Locating Latin America:Interdisciplinary Methods
LAS 340: Latin American Women Writers (HU & G)
LAS 350: The Construction of a Nation: Chile in the 20th/21st Century
LAS 351: Cityscapes: Urban Mexican Literature and Culture
LAS 355: Contemporary Mexican Cinema: Changing Cartographies
LAS 375: Colonial Latin America (SB & H)
LAS 376: Modern Latin America (SB & G & H)
LAS 404: Conquest and Encounters in Colonial Latin America (L & G)
LAS 419: 20th Century Chicano/a History (C)

LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H)

LAS 471: Treaties and Cultural Production in Spain and the Americas

LAS 473: Indigenous and Latina/Chicana Representation (SB & C)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

POS 453: Latin America (SB & G)

POS 454: Mexico (SB & G)

SPA 412: Advanced Conversation and Composition (G)

SPA 413: Spanish Grammar in Context (G)

SPA 456: 20th-Century Spanish American Fiction

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Statistics, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSTABS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile.
ACO 101: Introduction to Computer Science (CS)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	• Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience.
ACO 102: Object-Oriented Programming (CS)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network.
STP 280: Probability and Statistics for Researchers (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STP 281: Statistical Analysis for Researchers	3	C	• Completion of ACO 101 and ACO 102 (with C or better) fulfills the New College Proficiency - Language and Cultures requirement. • Explore an internship, an IGLE international experience, or ASU Study Abroad.
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STP 310: Design and Analysis of Experiments	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence.
STP 311: Regression and Time Series Analyses	3	C	
MAT 343: Applied Linear Algebra	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STP 315: Statistical Computing	3	C	• Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field. • Students interested in graduate school should enroll in MAT 300, 371 and 472. • For data science careers, complete ACO courses for focus area. • LSC 388 is strongly recommended for students interested in graduate school. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Statistics Elective	3	C	
Statistics Focus Area Course	3	C	
Literacy and Critical Inquiry (L) (LSC 388 recommended)	3	C	
Upper Division Elective OR STP 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STP 421: Probability	3	C	• STP 485 Statistics Capstone is offered in fall semesters only. Consult your academic advisor for course planning. • Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field. • Students interested in graduate school should enroll in MAT 300, 371 and 472. • For data science careers, complete ACO courses for focus area. • Gather professional references.
STP 485: Statistics Capstone	3	C	
Upper Division Statistics Elective	3	C	
Statistics Focus Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ STP 427: Mathematical Statistics	3	C	• Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field. • Students interested in graduate school should enroll in MAT 300, 371 and 472 for focus area. • For data science careers, complete ACO courses for focus area. • Apply for full-time career opportunities.
Upper Division Statistics Elective	3	C	
Statistics Focus Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- Upper-Division Statistics Electives
  - Complete 9 credit hours. STP 494 repeatable for different topics. STP 499 may only be taken once, up to 3 credits.

Statistics Focus Area

- For data science careers, complete Applied Computing (ACO) courses for the focus area.

- Statistics Focus Area Courses are courses in related disciplines in the New College o
- Students s
- Students i

Hide Course List(s)/Track Group(s)

Upper Division Statistics Electives
STP 450: Nonparametric Statistics
STP 451: Quality Improvement
STP 452: Multivariate Statistics
STP 460: Categorical Data Analysis
STP 494: Special Topics
STP 499: Individualized Instruction

Statistics Focus Area Course
ACO 201: Data Structures and Algorithms (CS)
ACO 320: Database Systems
ACO 350: Systems Programming (CS)
CHM 113: General Chemistry I (SQ)
CHM 116: General Chemistry II (SQ)
CHM 233: General Organic Chemistry I
MAT 243: Discrete Mathematical Structures
MAT 300: Mathematical Structures (L)
MAT 371: Advanced Calculus I
MAT 421: Applied Computational Methods (CS)
MAT 450: Mathematical Models in Biology
MAT 472: Intermediate Real Analysis I

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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Total Hours: 120
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Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Audiences, BS

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Downtown Phoenix campus
CSDIGABS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MCO 120: Media and Society (SB) OR JMC 110: Principles and History of Journalism (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students. • JMC 110 is recommended for students attending in person. • Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser. • Activate your Handshake account and build out your profile.
ASU 101-CS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Select your Career Interest Communities and play me3@ASU • Create a first draft resume. • Join a student club or professional organization.
Historical Awareness (H)	3		
Mathematics (MA) (MAT 142 recommended)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 28 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MCO 102: Fundamentals of Coding	1	C	• Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal. • Develop your skills
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	5		
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Mass Communication Elective	3	C
Cultural Diversity in the U.S. (C)	3	
Literacy and Critical Inquiry (L)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Elective	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Explore careers and internship opportunities through Cronkite Career Services

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 307: The Digital Audience	3	C	
Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

- Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your professional online presence

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 433: Social Media Campaigns, Engagement and Research	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Use Handshake to research employment opportunities

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 434: Search Engine Research and Strategy	3	C	
Upper Division Mass Communication Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	6		
Term hours subtotal:	15		

- Complete an in person or virtual practice interview
- Gather professional references
- Apply for full-time career opportunities

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 438: Digital Audience Analysis	3	C	
MCO 439: Digital Audience Growth	3	C	
Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Mass Communication Electives
MCO 101: Everyday Grammar
MCO 240: Media Issues in American Pop Culture
MCO 302: Media Research Methods
MCO 335: Social Media
MCO 366: Media Ethics and Diversity
MCO 403: Media Law
MCO 418: History of Mass Communication (SB & H)
MCO 425: Digital Media Literacy I
MCO 426: Digital Media Literacy II
MCO 427: Misinformation and Society
MCO 428: Digital Media and Freedom of Expression in the 21st Century
MCO 430: International Mass Communication (G)
MCO 431: Media Entrepreneurship
MCO 450: Visual Communication (HU)
MCO 456: Political Communication (SB)
MCO 460: Race, Gender, and Media (C)
MCO 465: Sports and Media
MCO 470: Exploring the Business of Journalism
MCO 473: Sex, Love, and Romance in the Mass Media (SB)
MCO 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Audiences, BS

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: ASU Local
CSDIGABS

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-UC: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students.
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MCO 120: Media and Society (SB)	3	C	• Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser. • View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Select your Career Interest Communities and play me3@ASU
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3		• Create a first draft resume. • Join a student club or professional organization
Elective	3		
Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MCO 102: Fundamentals of Coding	1	C	• Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal. • Develop your skills
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	2		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Mass Communication Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Develop your professional online presence • Explore careers and internship opportunities through Cronkite Career Services.
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 307: The Digital Audience	3	C	• Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		• Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser • Thinking about graduate school? Consider registering for a grad school test prep course.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		• Use Handshake to research employment opportunities
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 433: Social Media Campaigns, Engagement and Research	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 434: Search Engine Research and Strategy	3	C	• Complete an in person or virtual practice interview
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	• Apply for full-time career opportunities
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 438: Digital Audience Analysis	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Gather professional references
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 439: Digital Audience Growth	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Mass Communication Electives
MCO 101: Everyday Grammar
MCO 240: Media Issues in American Pop Culture
MCO 302: Media Research Methods
MCO 335: Social Media
MCO 366: Media Ethics and Diversity
MCO 403: Media Law
MCO 418: History of Mass Communication (SB & H)
MCO 425: Digital Media Literacy I
MCO 426: Digital Media Literacy II
MCO 427: Misinformation and Society
MCO 428: Digital Media and Freedom of Expression in the 21st Century
MCO 430: International Mass Communication (G)
MCO 431: Media Entrepreneurship
MCO 450: Visual Communication (HU)
MCO 456: Political Communication (SB)
MCO 460: Race, Gender, and Media (C)
MCO 465: Sports and Media
MCO 470: Exploring the Business of Journalism
MCO 473: Sex, Love, and Romance in the Mass Media (SB)
MCO 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Digital Media Literacy, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: ASU Local
CSDMLBA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-UC: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MCO 120: Media and Society (SB)	3	C	• View ASU Online first-year student registration information here. • Create a first draft resume
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Mathematics (MA) (MAT 142 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Develop your skills
Elective	3		
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Mass Communication Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 302: Media Research Methods	3	C	• Develop your professional online presence
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 425: Digital Media Literacy I	3	C	• Use Handshake to research employment opportunities
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 426: Digital Media Literacy II	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MCO 427: Misinformation and Society	3	C	• Complete an in person or virtual practice interview
Elective	3		
Term hours subtotal:	6		

		Minimum	

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ MCO 428: Digital Media and Freedom of Expression in the 21st Century	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	• Gather professional references
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	• Apply for full-time career opportunities
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Mass Communication Elective

MCO 101: Everyday Grammar

MCO 102: Fundamentals of Coding

MCO 240: Media Issues in American Pop Culture

MCO 307: The Digital Audience

MCO 335: Social Media

MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication (SB & H)

MCO 430: International Mass Communication (G)

MCO 431: Media Entrepreneurship

MCO 439: Digital Audience Growth

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race, Gender, and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of Journalism

MCO 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Downtown Phoenix campus
CSJMCBA

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JMC 101: Grammar for Journalists	1	B-	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students
JMC 110: Principles and History of Journalism (SB)	3	C	
JMC 115: Diversity and Civility at Cronkite	1	C	
ASU 101-CS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
JMC 102: Coding for Journalists	1	C	
Mathematics (MA)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JMC 201: News Reporting and Writing (L)	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam. • Select your career interest area and play me3@ASU • Develop your professional online presence
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
JMC 305: Multimedia Journalism	3	C	
Computer/Statistics/Quantitative Applications (CS) AND Statistics Course	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JMC 301: Intermediate Reporting and Writing (L)	3	C	• Students interested in Public Relations should contact their academic adviser to review course recommendations.
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
JMC 366: Journalism Ethics and Diversity	3	C	

POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB)	3	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

- Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal.

Term 4 45 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling	3	C	
SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB)	3		
Philosophy Course AND Humanities, Arts and Design (HU)	3		
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete JMC 305 AND JMC 366 course(s).			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Related Area courses must be approved by an academic adviser
- Explore careers and internship opportunities through Cronkite Career Services

Term 5 61 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JMC 473: The Business and Future of Journalism OR JMC 310: Principles of Strategic Communications	3	C	
U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. AND Global Awareness (G)	4	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

- Thinking about graduate school? Consider registering for a grad school test prep course.

Term 6 78 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JMC 402: Mass Communication Law	3	C	
Upper Division Advanced Skills Course	3	C	
JMC 484: Internship	3	Y	
Related Area Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s).			

- Students following Public Relations track should enroll in JMC 310; all others should enroll in JMC 473
- Advanced Skills course should be selected in consultation with academic adviser

Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 7 94 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Professional Program	3	C	• Professional Programs require placement. Consult with your academic adviser to review your eligibility for certain programs. • Students interested in additional Professional Program credit can apply it toward their Upper Division Advanced Skills Course credit. Consult with your academic adviser for more information. • Related Area courses must be approved by an academic adviser
Upper Division Advanced Skills Course	3	C	
JMC OR MCO Upper Division Elective	3	C	
Upper Division Related Area Course	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JMC OR MCO Upper Division Elective	3	C	• Related Area courses must be approved by an academic adviser • Complete an in person or virtual practice interview
MCO Upper Division Elective	3	C	
Related Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

- Advanced Skills course should be selected in consultation with academic adviser

Hide Course List(s)/Track Group(s)

Statistics (CS)
JUS 302: Statistical Analysis for Justice Studies (CS)
SOC 390: Social Statistics I (CS)
STP 226: Elements of Statistics (CS)
SWU 321: Statistics for Social Workers (CS)

Professional Program
JMC 476: Public Relations Laboratory
JMC 477: New Media Innovation and Entrepreneurship Lab
JMC 478: Cronkite News: Phoenix Bureau
JMC 478: Cronkite News: Los Angeles
JMC 479: Cronkite News: Washington Bureau
JMC 486: Digital Audiences Lab
JMC 487: Howard Center for Investigative Journalism

Philosophy
HON 171: The Human Event (L or HU)
PHI 101: Introduction to Philosophy (HU)
PHI 103: Principles of Sound Reasoning (L or HU)
PHI 105: Intro to Ethics (HU)
PHI 306: Applied Ethics (HU)

U.S. History
HST 109: United States to 1865 ((HU or SB) & H)

Advanced Skills Courses
JMC 320: Newscast Producing
JMC 330: Television Reporting

HST 314: American Cultural History Since 1865 ((HU or SB) & H)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

HST 334: African American History Since 1865 ((HU or SB) & C & H)

HST 337: American Indian History to 1900 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 415: Writing for Public Relations

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 436: Public Relations Research

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 442: Sports and Culture Commentary

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 476: Public Relations Laboratory

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News - Phoenix

JMC 478: Cronkite News: Los Angeles

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports Bureau

JMC 481: Cronkite News: Los Angeles Sports Bureau

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mass Communication and Media Studies, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: ASU Local
CSMCMSTBA

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-UC: The ASU Experience	1		• ASU 101 or College specific equivalent First Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU.
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by !	Hours	Minimum Grade	Notes
! MCO 120: Media and Society (SB)	3	C	• View ASU Online first-year student registration information here. • Create a first draft resume
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by !	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3		
Historical Awareness (H)	3		
! Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
MCO Elective	3	C	

Computer/Statistics/Quantitative Applications (CS)	3		• Develop your skills
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Mass Communication Elective	3	C	• Develop your professional online presence
Upper Division Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Mass Communication Elective	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Mass Communication Elective	3	C	• Use Handshake to research employment opportunities
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Mass Communication Elective	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Complete an in person or virtual practice interview
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	• Gather professional references
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	• Apply for full-time career opportunities
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Mass Communication Elective

MCO 302: Media Research Methods

MCO 307: The Digital Audience

MCO 335: Social Media

MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication (SB & H)

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

MCO 427: Misinformation and Society

MCO 428: Digital Media and Freedom of Expression in the 21st Century

MCO 430: International Mass Communication (G)

MCO 431: Media Entrepreneurship

MCO 433: Social Media Campaigns, Engagement and Research

MCO 434: Search Engine Research and Strategy

MCO 438: Digital Audience Analysis

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race, Gender, and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of Journalism

MCO 473: Sex, Love, and Romance in the Mass Media (SB)

MCO 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sports Journalism, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Downtown Phoenix campus
CSSPJBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JMC 101: Grammar for Journalists	1	B-	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students
JMC 110: Principles and History of Journalism (SB)	3	C	
JMC 115: Diversity and Civility at Cronkite	1	C	
ASU 101-CS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
JMC 102: Coding for Journalists	1	C	
Mathematics (MA)	3		
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JMC 201: News Reporting and Writing (L)	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam. • Select your career interest area and play me3@ASU • Develop your professional online presence
JMC 306: Sports Multimedia Journalism	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Statistics Course AND Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 49 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JMC 302: Sports Reporting	3	C	
JMC 367: Ethics and Diversity in Sports Journalism	3	C	

POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB)	3	
Natural Science - Quantitative (SQ)	4	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	17	

- Students interested in Public Relations should contact their academic adviser to review course recommendations.
- Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal.

Term 4 49 - 65 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**
JMC 313: Introduction to Editing OR JMC 346: Sports Videography OR JMC 448: Non-Narrative Video Storytelling	3	C
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	
U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Related Area Course	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Complete JMC 306 AND JMC 367 course(s).		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

Notes

- Students interested in JMC 481 Cronkite News - Los Angeles Sports Bureau should enroll in JMC 346.
- Related Area courses must be approved by an academic adviser.
- Explore careers and internship opportunities through Cronkite Career Services

Term 5 65 - 80 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
JMC 331: Television Sports Reporting OR JMC 430: Sports Marketing and Campaigns OR JMC 442: Sports and Culture Commentary	3	C
JMC 474: Advanced Issues in 21st-Century Sports and Media	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. AND Global Awareness (G)	4	C
Upper Division Literacy and Critical Inquiry (L) AND Cultural Diversity in the U.S. (C)	3	
Elective	2	
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	15	

Notes

- Sports Advanced Skills course should be selected in consultation with academic adviser.
- Students interested in JMC 481 Cronkite News - Los Angeles Sports Bureau should enroll in JMC 331.
- Related Area courses must be approved by an academic adviser.
- Complete an in person or virtual practice interview.

Term 6 80 - 96 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
JMC 402: Mass Communication Law	3	C
Upper Division Advanced Skills Course	3	C
JMC 484: Internship	3	Y
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	

Notes

- Advanced Skills course should be selected in consultation with academic adviser.
- Related Area courses must be approved by an academic adviser.

Related Area Course	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s).		
★ Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

- Thinking about graduate school? Consider registering for a grad school test prep course.

Term 7 96 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ JMC 480: Cronkite News: Phoenix Sports Bureau OR JMC 481: Cronkite News: Los Angeles Sports Bureau	3	C
JMC OR MCO Upper Division Elective	3	C
Philosophy Course AND Humanities, Arts and Design (HU)	3	
Related Area Course	3	C
★ Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	12	

Notes

- Professional Programs require placement and can be completed in fall or spring. Consult with your academic adviser to review your eligibility for certain programs.
- Students interested in completing additional Professional Program credit can apply it toward their JMC or MCO Upper Division Elective. Consult with your academic adviser for more information.
- Related Area courses must be approved by an academic adviser.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
MCO Upper Division Elective (MCO 420 OR MCO 465 recommended)	3	C
JMC OR MCO Upper Division Elective	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Related Area Course	3	C
★ Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	12	

Notes

- Related Area courses must be approved by an academic adviser

- Advanced Skills course should be selected in consultation with academic advisor

Hide Course List(s)/Track Group(s)

Statistics (CS)	Philosophy	U.S. History
ECN 221: Business Statistics (CS)	HON 171: The Human Event (L or HU)	HST 109: United States to 1865 ((HU or SB) & H)
JUS 302: Statistical Analysis for Justice Studies (CS)	PHI 101: Introduction to Philosophy (HU)	HST 314: American Cultural History Since 1865 ((HU or SB) & H)
PSY 230: Introduction to Statistics (CS)	PHI 103: Principles of Sound Reasoning (L or HU)	HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
SOC 390: Social Statistics I (CS)	PHI 105: Intro to Ethics (HU)	HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
STP 226: Elements of Statistics (CS)	PHI 306: Applied Ethics (HU)	HST 334: African American History Since 1865 ((HU or SB) & C & H)
SWU 321: Statistics for Social Workers (CS)		HST 337: American Indian History to 1900 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

Advanced Skills Courses

JMC 320: Newscast Producing

JMC 331: Television Sports Reporting

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 352: Sports Photojournalism

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 415: Writing for Public Relations

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 436: Public Relations Research

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 442: Sports and Culture Commentary

JMC 451: Photojournalism II

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 476: Public Relations Laboratory

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports Bureau

JMC 481: Cronkite News: Los Angeles Sports Bureau

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Actuarial Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAACTBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS) OR CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA). • Select your career interest area and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA)	4	B	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) (ECN 211 OR ECN 212 recommended)	3		
Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ACT 201: Introduction to Elements and Techniques of Actuarial Science	3	C	• Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation. • It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA). • COM 225 is recommended to satisfy the Literacy and Critical Inquiry ("L") General Studies requirement. • Join Gamma Iota Sigma Kappa chapter.
MAT 271: Calculus with Analytic Geometry II (MA)	4	B	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Literacy and Critical Inquiry (L) (COM 225 recommended)	3		
Social-Behavioral Sciences (SB) (ECN 211 OR ECN 212 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	B	• Meet with your academic advisor to discuss summer internship and Research Opportunities for Undergraduates (REU). • Options for the Science and Society electives are found at this website.
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Maintain 3.50 GPA in Critical Tracking Courses.			
	Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 343: Applied Linear Algebra	3	B	• Meet with your academic advisor to discuss options for adding a minor, certificate or concurrent major to your degree program. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Students seeking VEE accreditation should select an elective from the course list in the note at the bottom of the major map. For this term, ACC 231 counts towards the VEE requirement for Accounting and Finance.
MAT 300: Mathematical Structures (L)	3	C	
STP 420: Introductory Applied Statistics (CS)	3	B	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACT 301: Risk Management and Insurance (SB)	3	C	• Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • STP 421 may be taken in place of ACT 415. • Students seeking VEE accreditation should select an elective from the course list in the note at the bottom of the major map. For this term, ACC 241 counts towards the VEE requirement for Accounting and Finance.
ACT 410: Mathematics of Finance	3	C	
ACT 415: Probability for Risk Management	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Maintain 3.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACT 370: Software Tools for Business Analytics	3	C	• Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Options for the Science and Society electives are found at this website. • STP 427 satisfies the VEE requirement for Mathematical Statistics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA). • DAT 301 may be used in place of ACT 370.
STP 427: Mathematical Statistics	3	C	
Upper Division Risk Management Course	3	C	
Upper Division Science and Society Elective	3	C	
Cultural Diversity in the U.S. (C)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ACT 435: Statistics for Risk Modeling	3	C	

★ Upper Division Advanced Course	3	C	
ACT 440: Single Life Mortality OR ACT 450: Actuarial Models	3	C	
Upper Division Risk Management Course	3	C	
Elective	3		
Maintain 3.00 GPA in Major Courses.			
Term hours subtotal:	15		

- Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.
- Develop your professional online presence.
- Students seeking VEE accreditation should select an elective from the course list in the note at the bottom of the major map. For this term, FIN 300 counts towards the VEE requirement for Accounting and Finance.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACT 420: Ratemaking and Reserving	3	C	• Meet with your academic advisor for final degree check and apply for graduation through your My ASU.
★ ACT 441: Long-Term Actuarial Mathematics OR ACT 451: Short-Term Actuarial Mathematics	3	C	
★ Upper Division Advanced Course	3	C	
ACT 440: Single Life Mortality OR ACT 450: Actuarial Models	3	C	
Elective	3		
Maintain 3.00 GPA in Major Courses.			
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The object of the degree is to prepare students to sit for exams to gain certification as an actuary. One of the optional certifications that individuals may pursue is completion of the VEE requirements from the Society of Actuaries or the Casualty Actuarial Society. This certification requires additional experience not covered in the maximum credits allowed for the degree.

  However, students may decide to include these additional courses in their 12 hours of elective credit. ASU courses that meet VEE requirements include:

  - STP 427 - requirement for Mathematical Statistics (Prerequisite(s): ACT 415 or STP 421 with C or better; STP 281 or 420 with C or better). This class is required for the degree and will not satisfy an elective. However, it is still a part of the overall VEE curriculum for the purposes of this list.
  - ECN 211 and ECN 212 - sequence requirement for Economics
  - FIN 300 - requirement for Fundamentals of Finance (Prerequisite(s) with C or better: ACC 231, 232 or 261; ECN 212; ECN 221, ECN 231, IEE 380 or STP 280; MAT 210, 251, 265 or 270; Non-Business: min 2.50 GPA; min 56 hours; Pre- or corequisite(s): ACC 241, 242 or 271; Credit allowed for only FIN 300, 302 or 303)

Hide Course List(s)/Track Group(s)

Risk Management Courses	Advanced Courses
ACT 302: Fundamentals of Enterprise Risk Management	ACT 430: Mathematics of Financial Derivatives
ACT 320: Property and Casualty Insurance	ACT 441: Long-Term Actuarial Mathematics

- ACT 330: Life and Health Insurance
- ACT 451: Short-Term Actuarial Mathematics
- ACT 484: Internship
- ACT 494: Quantitative Risk Measures
- ACT 491: Actuarial Exam Preparation Seminar
- ACT 494: Regression Modeling in Insurance
- ACT 494: Communications for Business
- ACT 494: Machine Learning in Risk Management Applications
- ACT 494: Emerging Risks
- ACT 494: Organizational Behavior
- ACT 494: Report Writing

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

African and African American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAFRBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AFR 200: Introduction to Africana Studies (SB & G & H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Activate your Handshake account and build out your profile.
Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
AFR Elective	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		

Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AFR 300: Precolonial Africa (SB & G & H)	3	C	• Explore an internship
Upper Division Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H)	3	C	• Develop your professional online presence
Upper Division Related Area Courses	3	C	
AFR Upper Division Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Related Area Courses	3	C	
Complete 2 courses: AFR Upper Division Elective	6	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR 428: Critical Race Theory	3	C	• Gather professional references
Upper Division Related Area Courses	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective OR AFR 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR 498: Pro-Seminar (L)	3	C	
AFR Upper Division Elective	3	C	
Upper Division Elective	3		
Complete 2 courses:			

Elective	6	
Term hours subtotal:	15	

- Related Area Courses: To see a complete list of available courses, schedule an appointment with an advisor in the School of Social Transformation. The following is a sample of the courses that will qualify for these areas.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR 202: Immigration and Ethnic Relations in the U.S. (SB & C)
AFR 210: Introduction to African American Studies (C)
AFR 215: Bob Marley and Reggae: Lyrics of Resistance (HU & G)
AFR 300: Precolonial Africa (SB & G & H)
AFR 304: Islands of Globalization: Caribbean Politics and Political Economy (SB & G & H)
AFR 330: Survey of African American Politics (SB & H)
AFR 335: Historical Studies in Race, Crime, and the Law
AFR 336: African Art (HU & G)
AFR 350: Inequality and Diversity in Education (L & C)
AFR 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
AFR 364: African American History Since 1865 ((HU or SB) & C & H)
AFR 365: Unruly Voices: Black Women and Cultural Narratives (HU & C)
AFR 370: Family Ethnic and Cultural Diversity (SB & C)
AFR 372: Islam and Islamic Societies in Africa: Social and Political History (G)
AFR 375: Race, Gender and Sport (SB & C)
AFR 383: Blacks in Science, Medicine and Public Health
AFR 420: Race Ethnicity and Politics in the African Diaspora (SB & G)
AFR 428: Critical Race Theory

AFR 465: Harlem Renaissance: a Cultural History: 1877-1945

AFR 470: Women's International Human Rights

AFR 480: Different Voices Within Contemporary Islamic Discourse

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

African and African American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAAFRBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
AFR 200: Introduction to Africana Studies (SB & G & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Activate your Handshake account and build our your profile.
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Related Area Courses	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 30 - 37 Credit Hours	Hours	Minimum Grade	Notes

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
AFR Elective	3	C	
Term hours subtotal:	7		

Term 3 - B 37 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 45 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AFR 300: Precolonial Africa (SB & G & H)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Courses	3	C	• Explore an internship.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 60 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H)	3	C	• Develop your professional online presence
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - B 67 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR Upper Division Elective	3	C	
Upper Division Related Area Courses	3	C	
Elective	2		
Term hours subtotal:	8		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: AFR Upper Division Elective	6	C	
Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

Upper Division Related Area Courses	3	C
Elective	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 90 - 99 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR 428: Critical Race Theory	3	C	• Gather professional references.
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Courses	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR 498: Pro-Seminar (L)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Related Area Courses: To see a complete list of available courses, schedule an appointment with an advisor in the School of Social Transformation. The following is a sample of the courses that will qualify for these areas.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR 210: Introduction to African American Studies (C)
AFR 336: African Art (HU & G)
AFR 350: Inequality and Diversity in Education (L & C)
AFR 370: Family Ethnic and Cultural Diversity (SB & C)
AFR 375: Race, Gender and Sport (SB & C)
AFR 465: Harlem Renaissance: a Cultural History: 1877-1945

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

American Indian Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAISBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AIS 180: Introduction to American Indian Studies (C)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest and play me3@ASU
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AIS 280: American Indian Sovereignty and the Courts (H & C)	3	C	• Students are encouraged to consult with their academic advisor regarding the possibility of using elective hours toward completion of a certificate, minor or concurrent major that may complement the BS in American Indian Studies. • Join a student club or professional organization
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AIS Emphasis Area Course	3	C	• Students are encouraged to take AIS 294: Readings and Writings in American Indian Studies as a prerequisite to success in upper-division courses in the major. • Students should choose 18 hours in one of two emphasis areas shown in the track groups below. At least 12 hours must be taken at the upper-division level. Other courses in the AIS subject may be used toward the emphasis area with prior approval of the academic advisor.
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AIS 285: Federal Indian Policy (H & C)	3	C	• Create a first draft resume.
AIS Emphasis Area Course	3	C	
Science and Society Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AIS 380: Contemporary Issues of American Indian Nations (C)	3	C	• AIS 380 is offered in Fall semesters only. • Gather professional references.
Upper Division AIS Emphasis Area Course	3	C	
Upper Division Science and Society Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AIS 370: American Indian Languages and Cultures (C)	3	C	• AIS 370 is offered in Spring semesters only. • Develop your professional online presence.
JUS 302: Statistical Analysis for Justice Studies (CS)	3	C	
Upper Division AIS Emphasis Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AIS 420: American Indian Studies Research Methods (L)	3	C	• For the Upper Division Emphasis Area Course: AIS 484 Internship is strongly recommended in either term 7 or 8. • Research employment opportunities. • AIS 420 is offered in Fall semesters only.
Upper Division AIS Emphasis Area Course	3	C	
Upper Division Elective OR AIS 484: Internship	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AIS 498: Pro-Seminar (L)	3	C	• For the Upper Division Emphasis Area Course: AIS 484 Internship is strongly recommended in either term 7 or 8. • AIS 498 is offered Spring semesters only.
Upper Division AIS Emphasis Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- Students must choose 18 credit hours in one of two emphasis areas shown in the track groups below. At least 12 credit hours must be taken at the upper-division level. Other courses in the AIS subject may be used toward the emphasis area with prior approval of the academic advisor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Legal Policy, Community and Economic Development Emphasis Area
AIS 360: Issues in Urban Indian Country (C)
AIS 455: Human Rights and Cultural Resource Laws
AIS 470: Tribal Governance
AIS 480: Actualizing Decolonization (HU & C & G)
AIS 484: Internship
AIS 494: American Indian Rights
AIS 494: Crime in Indian Country
AIS 494: Indigenous Media and Image-Making
AIS 499: Individualized Instruction

Arts, Languages and Cultures Emphasis Area
AIS 101: Beginning Navajo I
AIS 102: Beginning Navajo II
AIS 320: American Indian Philosophies and World Views (HU & C)
AIS 360: Issues in Urban Indian Country (C)
AIS 381: American Indian Women (C)
AIS 394: American Indian & Indigenous Film
AIS 201: Intermediate Navajo I
AIS 202: Intermediate Navajo II
AIS 394: Reservation Economic Development
AIS 440: Cultural Professionalism (C)
AIS 480: Actualizing Decolonization (HU & C & G)
AIS 484: Internship
ENG 359: Indigenous American Literature ((L or HU) & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAMRSTBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
APA 210: Introduction to Ethnic Studies in the U.S. (C)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AMS 201: Introduction to American Studies (L & C)	3	C	• Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Politics, Policies, and Social Movements Course	3	C	• Explore an internship.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	5		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AFR 428: Critical Race Theory OR AMS 380: Race, Gender, and Class (SB & C) OR APA 352: Borders, Prisons and Suburbs (SB & C) OR TCL 303: Transborder Theory (SB)	3	C	• Develop your professional online presence.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SST 301: Mixed Research Methods for American Communities	3	C	
Upper Division U.S. Arts, Media, and Culture Course	3	C	
Diversity, Inequality, and Social Justice Course	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AMS 498: Pro-Seminar (L) OR APA 493: Honors Thesis (L) OR SST 484: Internship OR SST 499: Individualized Instruction	3	C	• Gather professional references.
Upper Division Politics, Policies, and Social Movements Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Diversity, Inequality, and Social Justice Course	3	C	
Upper Division U.S. Arts, Media, and Culture Course	3	C	

Complete 2 courses: Upper Division Elective	6
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

U.S. Arts, Media, and Culture Courses
AFR 351: Gender and Hip Hop
AMS 326: Popular Culture
AMS 336: The American Southwest in Literature and Film ((L or HU) & C)
AMS 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
AMS 420: Theatre in America (HU)
APA 310: Asian Pacific American Arts and Cultures (HU & C)
APA 315: Asian Pacific American Literature (HU & C)
APA 340: Asian Pacific Americans and Media (HU & C)
APA 345: Asian Pacific Americans and Film (HU & C & H)
TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
TCL 471: Latinos In Hollywood (HU & C)

Politics, Policies, and Social Movements Courses
AFR 302: History of Black Women in America (SB & H)
AFR 330: Survey of African American Politics (SB & H)
AFR 365: Unruly Voices: Black Women and Cultural Narratives (HU & C)
AFR 465: Harlem Renaissance: a Cultural History: 1877-1945
AIS 280: American Indian Sovereignty and the Courts (H & C)
AIS 285: Federal Indian Policy (H & C)
AMS 276: U.S. Women's Movements (H & C)
AMS 330: American Lives (HU & C)
AMS 412: Studies in American Politics and Law (H)
AMS 417: Religious Traditions of the American Southwest
AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H)
JUS 235: Disability, Justice and Advocacy (C)
SST 294: Introduction to LGBTQ History and Culture
TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)
TCL 377: Arizona, Immigration, Latinos and Politics
WST 377: History of American Feminist Thought (H & C)

Diversity, Inequality, and Social Justice Courses
AFR 317: Genes, Race and Society (SB & H & C)
AFR 460: Race, Gender, and Media (C)
AIS 180: Introduction to American Indian Studies (C)
AIS 360: Issues in Urban Indian Country (C)
AMS 332: Studies in Race and Ethnicity
AMS 334: Class in America (SB)
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
AMS 450: Latina/os, Schooling and Social Inequality (C)
APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
APA 350: Inequality and Diversity in Education (L & C)
APA 360: Asian Pacific American Experience ((HU or SB) & C)
APA 450: Asian Pacific American Contemporary Issues (SB & C)
JUS 437: The Social Construction of Disability and Justice
WST 413: Queer Studies (HU & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Anthropology, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAASBBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students must take ASB 102 and ASM 104. They will choose either ASB 222 or ASB 223. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-15		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	• Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16-17		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	4-3	C	• Secure a part-time job or volunteer experience. • Develop your skills.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-13		

Term 4 44 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian Statistics in Theory and Practice OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS)	3	C	• Explore an internship.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	2		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Sociocultural Course	3	C	• Field school opportunities (archaeological and physical) can count toward major degree requirements. Talk with your advisor about available opportunities. • Develop your professional online presence.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Anthropology Practicum	3	C	• Research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 3 courses: Upper Division Elective	9		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ Upper Division Physical/Evolutionary Anthropology Course	3	C	
ASB OR ASM Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

- Gather professional references.
- Apply for full-time career opportunities.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASB OR ASM Upper Division Elective	3	C	
Upper Division Archaeology Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Anthropology Practicum	Archaeology Courses	Physical/Evolutionary Anthropology Courses
ASB 302: Ethnographic Field Study ((L or SB) & G)	ASB 301: Global History of Health (SB & G & H)	ASB 301: Global History of Health (SB & G & H)
ASB 389: Ethnographic Field Lab	ASB 326: Human Impacts on Ancient Environments (SB & H)	ASB 368: Hunter-Gatherers (SB)
ASB 395: Topics in Comparative Culture (SB & G)	ASB 330: Understanding Archaeology (SB)	ASB 394: Modeling Simulation Neglected Tropical Diseases
ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G)	ASB 408: Advanced Evolutionary Medicine
ASB 452: Community Partnerships for Global Health (SB)	ASB 335: Ancient Ruins of the Southwest (SB & H & C)	ASB 448: Maternal and Child Health or BIO 448: Maternal and Child Health
ASB 455: Practicum for Social Sciences (SB)	ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H)	ASB 494: Applied Epidemiology
ASB 484: Internship	ASB 361: Human Cultural Beginnings (H)	ASB 494: Reproductive Ecology
ASB 494: Access, Equity and Inclusion in Higher Education	ASB 362: People and Plants	ASM 301: Peopling of the World (SB)
ASB 499: Individualized Instruction	ASB 366: African Archaeology: Precolonial Urban Culture (SB & H)	ASM 313: Great Adaptations
ASM 338: Anthropological Field Session	ASB 368: Hunter-Gatherers (SB)	ASM 332: Life and Death in Ancient Egypt
ASM 338: Bioarchaeology and the Human Skeleton	ASB 490: Earliest Cities (SB & H)	ASM 338: Bioarchaeology and the Human Skeleton
ASM 338: Field Archaeology & Geophysical Testing	ASM 338: Bioarchaeology and the Human Skeleton	ASM 341: Human Osteology
ASM 341: Human Osteology	ASM 338: Field Archaeology & Geophysical Testing	ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior
ASM 344: Fossil Hominids	ASM 350: Geoarchaeology	ASM 344: Fossil Hominids
ASM 365: Doing Archaeology	ASM 365: Doing Archaeology	ASM 345: Disease and Human Evolution
ASM 414: Environmental Health (SB)	ASM 450: Bioarchaeology (SB & G)	ASM 394: Evolution and Medicine Visiting Speaker Recitation
		ASM 401: Health and Human Biology

ASM 443: Primatology

ASM 452: Dental Anthropology (SG)

ASM 403: Evolutionary Medicine and Global Health

ASM 443: Primatology

ASM 446: Principles of Human Genetics (L)

ASM 450: Bioarchaeology (SB & G)

ASM 452: Dental Anthropology (SG)

ASM 456: Infectious Disease and Human Evolution

ASM 459: Forensic Anthropology

ASM 460: Human Growth and Development: An Evolutionary Perspective

ASM 465: Quantification and Analysis for Anthropologists (CS)

ASM 494: Bayesian Statistics in Theory and Practice

ASM 494: Evolution and Mental Disorders

ASM 494: Evolution of Technology

ASM 494: Models in Social Evolution

ASM 494: Social Complexity

Sociocultural Courses

ASB 300: Food and Culture ((L or SB) & C)

ASB 302: Ethnographic Field Study ((L or SB) & G)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 310: Precolonial Africa (SB & G & H)

ASB 311: Principles of Social Anthropology (SB & G & H)

ASB 316: Money and Culture (L or SB)

ASB 319: The North American Indian

ASB 322: Peoples of Latin America ((L or SB) & G)

ASB 325: Peoples of Southeast Asia (G)

ASB 327: Disaster! ((L or SB) & C)

ASB 336: African Art (HU & G)

ASB 339: Grassroots Social Movements (SB)

ASB 340: Migration and Culture (SB & G)

ASB 342: Mexico-U.S. Borderlands (SB & C)

ASB 343: Latinas/os and the Environment

- ASB 344: Technology and Society (L or SB)
- ASB 345: Culture and Society Transformation (SB & G)
- ASB 346: Marriage and Family Diversity (SB & C)
- ASB 348: The Borders of Language (L)
- ASB 350: Anthropology and Art (HU)
- ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
- ASB 355: Traditional Medicine and Healing (HU or SB)
- ASB 356: Central American Studies (SB & G)
- ASB 357: Society, Drugs and Health (SB & G)
- ASB 358: The Yoruba and the Atlantic World
- ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB)
- ASB 371: Language Hegemony and Culture
- ASB 374: Cultures and Politics of the Internet (SB)
- ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)
- ASB 376: Global Health Policy
- ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
- ASB 380: Language, Culture and Gender (SB)
- ASB 389: Ethnographic Field Lab
- ASB 394: Statistics for Social Scientists
- ASB 395: Topics in Comparative Culture (SB & G)
- ASB 412: History of Anthropology (L or SB)
- ASB 421: Education and Society (SB)
- ASB 442: Global Cities (SB & G)
- ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)
- ASB 452: Community Partnerships for Global Health (SB)
- ASB 455: Practicum for Social Sciences (SB)
- ASB 457: Global Mental Health ((L or SB) & G)
- ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASB 463: Political Ecology of the Border (SB & G)

ASB 464: The Ethnography of Mexico and the Borderlands (SB & G)

ASB 466: Peoples and Cultures of Africa (SB & G)

ASB 494: Ethnography of Schooling in the Borderlands

ASB 494: Facing Immigration

ASM 414: Environmental Health (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Anthropology, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAASBBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG)	3-4	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Select your career interest area and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7-8		

Term 1 - B 7 - 12 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Elective	2		
Term hours subtotal:	5		

Term 2 - A 12 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG)	3-4	C	• ASU Language Placement: Only those students with no experience with the language are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned. • Create a first draft resume.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7-8		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Mathematics Placement Assessment score determines placement in mathematics course. • Network in your career interest area.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

		Minimum	

Term 3 - A 26 - 34 Credit Hours Critical course signified by	Hours	Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG)	4	C	• Join a student club or professional organization.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	8		

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Secure a part-time job or volunteer experience.
Elective	3		
Term hours subtotal:	6		

Term 4 - B 47 - 54 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Develop your skills.
Elective	3		
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Sociocultural Course	3	C	• Explore an internship.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Develop your professional online presence.
Computer/Statistics/Quantitative Applications (CS)	3		

Term hours subtotal:	6

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Anthropology Practicum	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Physical/Evolutionary Anthropology Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASB OR ASM Upper Division Elective	3	C	• Complete an in person or virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Archaeology Course	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASB OR ASM Upper Division Elective	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Anthropology Practicum
ASB 395: Topics in Comparative Culture (SB & G)
ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)
ASB 452: Community Partnerships for Global Health (SB)
ASB 455: Practicum for Social Sciences (SB)
ASB 484: Internship
ASB 499: Individualized Instruction
ASM 414: Environmental Health (SB)
ASM 443: Primatology

Sociocultural Courses
ASB 300: Food and Culture ((L or SB) & C)
ASB 305: Poverty and Global Health ((L or SB) & G)
ASB 316: Money and Culture (L or SB)
ASB 322: Peoples of Latin America ((L or SB) & G)
ASB 327: Disaster! ((L or SB) & C)
ASB 336: African Art (HU & G)
ASB 345: Culture and Society Transformation (SB & G)
ASB 350: Anthropology and Art (HU)
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
ASB 355: Traditional Medicine and Healing (HU or SB)
ASB 357: Society, Drugs and Health (SB & G)
ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB)
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
ASB 380: Language, Culture and Gender (SB)
ASB 395: Topics in Comparative Culture (SB & G)

Archaeology Courses
ASB 301: Global History of Health (SB & G & H)
ASB 330: Understanding Archaeology (SB)
ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G)
ASB 335: Ancient Ruins of the Southwest (SB & H & C)
ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H)
ASB 362: People and Plants
ASM 350: Geoarchaeology
ASM 450: Bioarchaeology (SB & G)

Physical/Evolutionary Anthropology Courses
ASB 301: Global History of Health (SB & G & H)
ASB 408: Advanced Evolutionary Medicine
ASM 301: Peopling of the World (SB)
ASM 332: Life and Death in Ancient Egypt
ASM 345: Disease and Human Evolution
ASM 401: Health and Human Biology
ASM 403: Evolutionary Medicine and Global Health
ASM 443: Primatology
ASM 450: Bioarchaeology (SB & G)

ASB 452: Community Partnerships for Global Health (SB)

ASB 455: Practicum for Social Sciences (SB)

ASB 457: Global Mental Health ((L or SB) & G)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASB 466: Peoples and Cultures of Africa (SB & G)

ASM 414: Environmental Health (SB)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
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Cumulative GPA: 2.00 minimum
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Total College Residency Hrs: 12 minimum

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General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Anthropology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAASBBS

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	• Students who do not test into MAT 251 must take the math course they do place into in the first term. Do not take MAT 142, as it is not a prerequisite to MAT 251. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students must take ASB 102 and ASM 104. They will choose between ASB 222 and ASB 223. • Select your career interest area and play me3@ASU. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	13-14		

Term 2 13 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	• Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16-17		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	4-3	C	• Secure a part-time job or volunteer experience. • Develop your skills.

ASB OR ASM Elective	3	C
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete 2 courses: Elective	6	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	16-15	

Term 4 45 - 61 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Science and Society Elective	3	C	• Explore an internship.
ASB OR ASM Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (ASM 275 recommended)	4		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 61 - 76 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ASM 300: Anthropological Sciences Seminar	3	C	• Field school opportunities (archaeological or physical) can count toward major degree requirements. Talk to your advisor for available opportunities. • Develop your professional online presence.
ASM Upper Division Elective	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian Statistics in Theory and Practice OR BIO 415: Statistical Models for Biology (CS) OR SOC 390: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	• Research employment opportunities. • Complete an in person or virtual practice interview.
ASB OR ASM Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ASM Upper Division Elective	3	C	• Gather professional references. • Apply for full-time career opportunities.
ASB OR ASM Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR ASB 484: Internship	3		

Elective	2		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ASM Upper Division Elective	6	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Anthropology, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAASBBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	• Students who do not test into MAT 251 must take the math course they do place into in the first term. Do not take MAT 142, as it is not a prerequisite to MAT 251. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students must take ASB 102 and ASM 104. They will choose between ASB 222 and ASB 223. • Select your career interest area and play me3@ASU. • Create a first draft resume.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7-8		

Term 1 - B 7 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	4-3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7-6		

Term 2 - A 14 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	• Build your professional connections -- join the ASU Mentor Network.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7-8		

Term 2 - B 21 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAT 251: Calculus for Life Sciences (MA)	3	C
Humanities, Arts and Design (HU)	3	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	6	

- Mathematics Placement Assessment score determines placement in mathematics course.
- Network in your career interest area.

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
ASB OR ASM Elective	3	C	• Join a student club or professional organization.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (ASM 275 recommended)	4		
Term hours subtotal:	7		

Term 3 - B 34 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB OR ASM Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 4 - A 40 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Secure a part-time job or volunteer experience.
ASB OR ASM Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 46 - 52 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 5 - A 52 - 58 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ASM 300: Anthropological Sciences Seminar	3	C	• Field school opportunities (archaeological or physical) can count toward major degree requirements. Talk to your advisor for available opportunities. • Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 64 - 70 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian Statistics in Theory and Practice OR BIO 415: Statistical Models for Biology (CS) OR SOC 390: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS)	3-4	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6-7		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ASB OR ASM Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	• Research employment opportunities.
Upper Division Elective OR ASB 484: Internship	3		
Term hours subtotal:	6		

Term 7 - B 82 - 88 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	• Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		

Term hours subtotal:	6

Term 10 - A 112 - 118 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 118 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	2		
Term hours subtotal:	2		

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Hide Course List(s)/Track Group(s)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Mathematics for the Life and Social Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAMLBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AML 100: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Select your career interest area and play me3@ASU. • Create a first draft resume.
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Use the SB course in this term as a prerequisite for upper-division work in the Social Science track. Recommended courses are found in the track list below. • Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization.
BIO 182: General Biology II (SG)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	17		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Secure a part-time job or volunteer experience. • Develop your skills.
Science and Society Elective	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA in STP and MAT.			
	Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Use the SB course in this term to complete a prerequisite for upper-division work in the Social Science track. Recommended courses are found in the track list below. • Explore an internship.
MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA)	3	C	
STP 420: Introductory Applied Statistics (CS)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Life Science Course	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Develop your professional online presence.
Upper Division Social Science Course	3	C	
STP 421: Probability	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	• Research employment opportunities. • Complete an in person or virtual practice interview.
Upper Division Applied Mathematics Course	3	C	
Upper Division Life Science Course	3	C	
Upper Division Elective OR ASB 484: Internship	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Applied Mathematics Course	3	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Social Science Course	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AML 406: Directed Reading and Research in Applied Mathematics for the Life and Social Sciences	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Recommended SB Courses	Upper Division Life Science	Upper Division Social Science
ASB 102: Introduction to Cultural Anthropology (SB & G)	AML 394: Modeling Simulation Neglected Tropical Diseases	ASB 316: Money and Culture (L or SB)
CDE 232: Human Development (SB)	ASB 363: From Cells to Society: Understanding Complexity or BIO 363: From Cells to Society: Understanding Complexity or SOS 363: From Cells to Society: Understanding Complexity	ASB 394: Statistics for Social Scientists
JUS 105: Introduction to Justice Studies (SB)	ASB 494: Applied Epidemiology	ASM 345: Disease and Human Evolution
POS 110: American Government and Politics (SB)	ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior	ASM 465: Quantification and Analysis for Anthropologists (CS)
PSY 101: Introduction to Psychology (SB)	BIO 302: Cancer--Mother of All Diseases (L)	ASM 494: Bayesian Statistics in Theory and Practice
SOC 101: Introductory Sociology (SB)	BIO 321: Introductory Ecology Laboratory	GCU 351: Population Geography (SB & G)
	BIO 415: Statistical Models for Biology (CS)	GIS 461: Fundamentals of Spatial Optimization or PUP 481: Fundamentals of Spatial Optimization
	BMI 465: Introduction to Comparative Genomics	JUS 301: Research in Justice Studies (SB)
	HCD 300: Biostatistics (CS) or PBH 300: Biostatistics (CS)	JUS 302: Statistical Analysis for Justice Studies (CS)
	SOS 424: Dynamic Modeling in Social and Ecological Systems	POS 301: Empirical Political Inquiry (SB) or SGS 305: Empirical Political Inquiry (SB)
		POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS)
		POS 485: Political Economy (SB)
		SOC 331: Environmental Sociology (SB & G)
		SOC 390: Social Statistics I (CS)
		SOC 391: Applied Research Methods (L or SB)
		SOC 448: Epidemics and Society (SB & G)

Upper Division Applied Mathematics
AML 441: Mathematical Concepts and Tools in Sustainability or SOS 441: Mathematical Concepts and Tools in Sustainability
AML 494: Modeling with Game Theory
MAT 300: Mathematical Structures (L)
MAT 343: Applied Linear Algebra
MAT 355: Introduction to Computational Molecular Biology (CS) or BIO 355: Introduction to Computational Molecular Biology (CS)
MAT 371: Advanced Calculus I
MAT 394: Forensic DNA Analysis
MAT 421: Applied Computational Methods (CS)
MAT 451: Mathematical Modeling (CS)
MAT 494: Big Data and Mathematical Modelling
MAT 494: Data Analysis in Neuroscience

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Asia Studies (East Asia), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHSTEABA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent).	5	C	
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
Across Asia Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent).	5	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Outside East Asia Course	3	C	• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Explore opportunities to study abroad.
Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent).	5	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	1		

Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
East Asia Concentration Course	3	C	• See East Asia Concentration lists below. Students must complete 15 hours of coursework in one concentration (China, Japan or Korea). • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Across Asia Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent).	5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division East Asia Concentration Course	3	C	• For the East Asia Electives, students may choose courses from the East Asia Electives list, additional courses from the chosen concentration, and/or courses from the other two concentrations. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
Upper Division East Asia Elective	3	C	
Outside East Asia Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division East Asia Concentration Course	3	C	• Explore graduate school opportunities. • If planning on law school, prepare to take the LSAT. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Upper Division East Asia Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR HST 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division East Asia Concentration Course	3	C	• Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Upper Division Outside East Asia Course	3	C	
East Asia Elective	3	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

HST 496: South, Southeast, and East Asia in the Global Matrix	3	C
Upper Division East Asia Concentration Course	3	C
Complete 3 courses: Upper Division Elective	9	
Term hours subtotal:	15	

- HST 496 is the required capstone course for the major and is only offered in spring terms.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for career opportunities.

- Students must choose an East Asia Concentration of China, Japan or Korea. Please refer to the appropriate list below.
- For the East Asia Electives requirement, in addition to the courses shown in the East Asia Electives list, students may choose more courses from the concentration list or the areas not chosen as concentration (e.g., students completing the Chinese concentration may use courses from the Japanese list, Korean list and/or additional courses from the Chinese list as East Asia electives).

Hide Course List(s)/Track Group(s)

Across Asia	East Asia Concentration - China	East Asia Concentration - Japan
ARS 201: Art of Asia (HU & H & G)	ARS 472: Art of China (HU)	ARS 473: Art of Japan (HU)
GCU 326: Geography of Asia (SB & G)	ARS 475: Chinese Painting (HU)	HST 108: Introduction to Japan (SB & G & H)
HST 106: Asian Civilizations ((HU or SB) & G & H)	CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)	HST 303: WWII in Asia: Cultures of War
HST 303: ASIA: Women in Asia	CHI 307: Introduction to Literary Chinese I (HU)	HST 387: Japan ((L or SB) & H)
HST 303: Cold War Asia	CHI 308: Classical Chinese II (HU)	HST 388: Japan (SB & G & H)
HST 303: Democracy in Asia	CHI 321: Chinese Literature (HU)	HST 389: Japan Society and Values/Premod
HST 303: Empires in Asia	CHI 322: Chinese Literature (HU & G)	JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)
HST 303: Film and Politics in Colonial Asia	CHI 345: Chinese Film and Civilization	JPN 315: The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis (G)
HST 303: WWII in Asia: Cultures of War	CHI 348: Pathways into Chinese Culture	JPN 316: The Language of Japanese Popular Culture II: Honorifics and Dialects (G)
POS 468: Comparative Asian Foreign Policies (SB & G)	CHI 470: Modern Chinese Literature and Culture	JPN 333: Japanese Civilization from the Ice Age to Last Thursday
REL 345: Asian Religious Traditions (HU & G)	GCU 432: Geography of China (SB & G)	JPN 401: Reading Modern Japanese Texts ((L or HU) & G)
REL 350: Hinduism ((L or HU) & G)	HST 303: The Family in Modern China	JPN 414: Introduction to Classical Japanese
REL 351: Buddhism ((L or HU) & G)	HST 303: History of Modern China: From Taiping to Tiananmen	JPN 415: Advanced Classical Japanese
	HST 303: Modern China: Personal Narratives and Histories	JPN 430: Buddhist Meditation in East Asia (HU & G) or SLC 430: Buddhist Meditation in East Asia (HU & G)
	HST 303: Modern China: Violence	JPN 445: Readings in Modern Japanese Letters and Culture
	HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H)	
	HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H)	

	HST 385: History of Chinese Medicine (HU & H & G)	JPN 485: Japanese Literature and the Art of Translation
	HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)	REL 344: Religion and Values in Japanese Life (HU & G)
	HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)	REL 355: Japanese Cities and Cultures to 1800 (HU)
	HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)	SLC 421: Japanese Literature in Translation
	POS 452: China (SB & G)	
	REL 338: Daode Jing: Way to the West (L or HU) or CHI 338: Daode Jing: Way to the West (L or HU)	
	REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)	
	REL 346: Chinese Religions or CHI 346: Chinese Religions	
East Asia Concentration - Korea	East Asia Electives	Outside East Asia
KOR 250: Korean Culture and Society (HU & G)	HST 303: China,Japan & East Asia in World History	ARS 444: Films of India or FMS 426: Films of India
KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)	REL 352: Modern Buddhism	ASB 325: Peoples of Southeast Asia (G)
KOR 347: Korean Film and Literature (HU)	Students may also choose any courses from the China, Japan and Korea concentration lists. These courses must be separate from those taken to fulfill the concentration requirement.	DCE 114: Dances of India I
KOR 350: Women of Korea (H)		GCU 433: Geography of Southeast Asia
KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)		HST 240: Introduction to Southeast Asia ((HU or SB) & G) or GCU 240: Introduction to Southeast Asia ((HU or SB) & G) or POS 240: Introduction to Southeast Asia ((HU or SB) & G) or REL 240: Introduction to Southeast Asia ((HU or SB) & G) or SGS 240: Introduction to Southeast Asia ((HU or SB) & G)
KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)		HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G)
KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)		HST 302: Envisioning Peace
KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)		HST 302: Women, War and Peace
REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)		

HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 456: The Vietnam War (SB & G & H)

HST 459: Gandhi and the Politics of Nonviolence

MUP 489: Gamelan

POS 357: South Asia Politics (SB & G)

POS 358: Southeast Asia (SB & G)

REL 347: Religions of India ((L or HU) & G)

REL 348: Religion and Culture in Southeast Asia

REL 350: Hinduism ((L or HU) & G)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

REL 364: Islam in Eurasia and Central Asia

REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H)

REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Asia Studies (South Asia), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHSTSABA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to ensure the course level is appropriate. Students who are already proficient in a second language may take a proficiency exam. • Depending on the language chosen, students may need to take more or less elective hours to meet the minimum 120 hours needed for graduation. • Select your Career Interest Communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent).	4-5	C	
Elective	2		
Term hours subtotal:	16-17		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
Across Asia Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent).	4-5	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14-15		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent).	4-5	C	• It is highly suggested students enroll in HST/POS/REL/SGS/SLC 245, if offered. • Some General Studies requirements can overlap with major courses, leaving more

South Asia Concentration Course (HST/POS/REL/SGS/SLC 245: Introduction to India and South Asia (recommended))	3	C	room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Explore opportunities to study abroad.
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16-17		

Term 4 46 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Outside South Asia Course	3	C	• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Across Asia Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent).	4-5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	14-15		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division South Asia Concentration Course	3	C	• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Depending on the Second Language chosen, students may need to take more or less elective hours to meet the minimum 120 hours needed for graduation. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Upper Division South Asia Elective Course	3	C	
Outside South Asia Course	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective OR HST 484: Internship	3-1		
Term hours subtotal:	15-13		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division South Asia Concentration Course	3	C	• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. • Explore graduate school opportunities. • If planning on law school, prepare to take the LSAT.
Upper Division South Asia Elective Course	3	C	
South Asia Elective Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division South Asia Concentration Course	3	C	• Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Upper Division Outside South Asia Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Complete 2 courses:

Upper Division Elective	6	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 496: South, Southeast, and East Asia in the Global Matrix	3	C	• HST 496 is the required capstone course for the major and is only offered in spring terms. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for career opportunities.
★ Upper Division South Asia Concentration Course	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- For the South Asia Electives requirement, in addition to the courses shown in the South Asia Electives list, students may take any courses in the South Asia Concentration list that were not used to fulfill the concentration.

Hide Course List(s)/Track Group(s)

Across Asia Courses
ARS 201: Art of Asia (HU & H & G)
GCU 326: Geography of Asia (SB & G)
HST 106: Asian Civilizations ((HU or SB) & G & H)
HST 303: ASIA: Women in Asia
HST 303: Cold War Asia
HST 303: Democracy in Asia
HST 303: Empires in Asia
HST 303: Film and Politics in Colonial Asia
HST 303: WWII in Asia: Cultures of War
POS 468: Comparative Asian Foreign Policies (SB & G)
REL 345: Asian Religious Traditions (HU & G)
REL 351: Buddhism ((L or HU) & G)

South Asia Concentration
ARS 444: Films of India or FMS 426: Films of India
HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G)
HST 392: Modern India
HST 459: Gandhi and the Politics of Nonviolence
POS 357: South Asia Politics (SB & G)
REL 347: Religions of India ((L or HU) & G)
REL 350: Hinduism ((L or HU) & G)

South Asia Electives
DCE 114: Dances of India I
HST 302: Envisioning Peace
HST 302: Women, War and Peace
POS 468: Comparative Asian Foreign Policies (SB & G)
REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)
REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H)
REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G)

Outside South Asia
ARS 472: Art of China (HU)
ARS 473: Art of Japan (HU)
ARS 475: Chinese Painting (HU)
ASB 325: Peoples of Southeast Asia (G)
CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

Outside South Asia Continued
JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)
JPN 333: Japanese Civilization from the Ice Age to Last Thursday
JPN 430: Buddhist Meditation in East Asia (HU & G) or SLC 430: Buddhist Meditation in East Asia (HU & G)

CHI 205: Chinese Calligraphy

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

GCU 432: Geography of China (SB & G)

GCU 433: Geography of Southeast Asia

HST 108: Introduction to Japan (SB & G & H)

HST 240: Introduction to Southeast Asia ((HU or SB) & G) or GCU 240: Introduction to Southeast Asia ((HU or SB) & G) or POS 240: Introduction to Southeast Asia ((HU or SB) & G) or REL 240: Introduction to Southeast Asia ((HU or SB) & G) or SGS 240: Introduction to Southeast Asia ((HU or SB) & G)

HST 303: China,Japan & East Asia in World History

HST 303: The Family in Modern China

HST 303: History of Modern China: From Taiping to Tiananmen

HST 303: Modern China: Personal Narratives and Histories

HST 303: Modern China: Violence

HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H)

HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

MUP 489: Gamelan

POS 358: Southeast Asia (SB & G)

POS 452: China (SB & G)

REL 338: Daode Jing: Way to the West (L or HU) or CHI 338: Daode Jing: Way to the West (L or HU)

REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)

REL 344: Religion and Values in Japanese Life (HU & G)

REL 346: Chinese Religions or CHI 346: Chinese Religions

REL 348: Religion and Culture in Southeast Asia

REL 352: Modern Buddhism

REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)

REL 355: Japanese Cities and Cultures to 1800 (HU)

REL 364: Islam in Eurasia and Central Asia

SLC 421: Japanese Literature in Translation

II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

HST 456: The Vietnam War (SB & G & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Asia Studies (Southeast Asia), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHSTSEABA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to ensure the course level is appropriate. Students who are already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent).	5	C	
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
Across Asia Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent).	5	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 240: Introduction to Southeast Asia ((HU or SB) & G) OR HST 240: Introduction to Southeast Asia ((HU or SB) & G) OR POS 240: Introduction to Southeast Asia ((HU or SB) & G) OR REL 240: Introduction to Southeast Asia ((HU or SB) & G) OR SGS 240: Introduction to Southeast Asia ((HU or SB) & G)	3	C	• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Explore opportunities to study abroad.
Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai,			

Vietnamese, or Indonesian) at the intermediate level (202 or equivalent).	5	C
Literacy and Critical Inquiry (L)	3	
Social-Behavioral Sciences (SB)	3	
Elective	1	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Outside Southeast Asia Course	3	C	• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Across Asia Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent).	5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Southeast Asia Concentration	3	C	• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
Upper Division Southeast Asia Elective	3	C	
Outside Southeast Asia Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Southeast Asia Concentration	3	C	• Explore graduate school opportunities. • If planning to attend law school, prepare to take the LSAT. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Southeast Asia Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR HST 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Southeast Asia Concentration	3	C	• Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Upper Division Outside Southeast Asia Course	3	C	
Upper Division Southeast Asia Elective	3	C	
Upper Division Elective	3		
Elective	3		

Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 496: South, Southeast, and East Asia in the Global Matrix	3	C	• HST 496 is the required capstone course for the major and is only offered in spring terms. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for career opportunities.
★ Upper Division Southeast Asia Concentration	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- For the Southeast Asia Electives requirement, in addition to the courses shown in the Southeast Asia Electives list, students may take any courses in the Southeast Asia Concentration list that were not used to fulfill the concentration.

Hide Course List(s)/Track Group(s)

Across Asia
ARS 201: Art of Asia (HU & H & G)
GCU 326: Geography of Asia (SB & G)
HST 106: Asian Civilizations ((HU or SB) & G & H)
HST 303: ASIA: Women in Asia
HST 303: Cold War Asia
HST 303: Democracy in Asia
HST 303: Empires in Asia
HST 303: Film and Politics in Colonial Asia
HST 303: WWII in Asia: Cultures of War
POS 468: Comparative Asian Foreign Policies (SB & G)
REL 345: Asian Religious Traditions (HU & G)
REL 350: Hinduism ((L or HU) & G)
REL 351: Buddhism ((L or HU) & G)
Outside Southeast Asia
ARS 444: Films of India or FMS 426: Films of India
ARS 472: Art of China (HU)
ARS 473: Art of Japan (HU)
ARS 475: Chinese Painting (HU)

Southeast Asia Concentration
ASB 325: Peoples of Southeast Asia (G)
GCU 433: Geography of Southeast Asia
HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H)
POS 358: Southeast Asia (SB & G)
REL 348: Religion and Culture in Southeast Asia

Southeast Asia Electives
HST 303: Film and Politics in Colonial Asia
HST 456: The Vietnam War (SB & G & H)
MUP 489: Gamelan
POS 468: Comparative Asian Foreign Policies (SB & G)
REL 352: Modern Buddhism
REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 205: Chinese Calligraphy

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

DCE 114: Dances of India I

GCU 432: Geography of China (SB & G)

HST 108: Introduction to Japan (SB & G & H)

HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G)

HST 302: Envisioning Peace

HST 302: Women, War and Peace

HST 303: China,Japan & East Asia in World History

HST 303: The Family in Modern China

HST 303: History of Modern China: From Taiping to Tiananmen

HST 303: Modern China: Personal Narratives and Histories

HST 303: Modern China: Violence

HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 392: Modern India

HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

HST 459: Gandhi and the Politics of Nonviolence

JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

JPN 430: Buddhist Meditation in East Asia (HU & G) or SLC 430: Buddhist Meditation in East Asia (HU & G)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

POS 357: South Asia Politics (SB & G)

POS 452: China (SB & G)

REL 338: Daode Jing: Way to the West (L or HU) or CHI 338: Daode Jing: Way to the West (L or HU)

REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)

REL 344: Religion and Values in Japanese Life (HU & G)

REL 346: Chinese Religions or CHI 346: Chinese Religions

REL 347: Religions of India ((L or HU) & G)

REL 350: Hinduism ((L or HU) & G)

REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)

REL 355: Japanese Cities and Cultures to 1800 (HU)

REL 364: Islam in Eurasia and Central Asia

REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H)

REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G)

SLC 421: Japanese Literature in Translation

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Asian Languages (Chinese), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHIBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHI 101: First-Year Chinese I (G)	5	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a language placement test. • Students may opt to take CHI 110 Intensive Chinese I (8 credit course equivalent to CHI 101 and CHI 102) in Term 1. • Learn about the Chinese Language Flagship Program. • Engage in Chinese at ASU. Come to the SILC Cafe.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Social-Behavioral Sciences (SB)	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHI 102: First-Year Chinese II (G)	5	C	• Students interested in the Chinese Flagship Program should meet with a Flagship representative. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop. • Join a student club or professional organization. • Students who have taken CHI 110 may take CHI 210 Intensive Chinese II (8 credit intensive course equivalent to CHI 201 and CHI 202) in Term 2.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHI 120: Introduction to Chinese Culture (L or HU)	3	C	• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.
CHI 201: Second-Year Chinese I (G)	5	C	

Natural Science - Quantitative (SQ)	4		• Learn about language-specific scholarship opportunities. • Learn about internships for language and culture majors.
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• A Chinese Flagship representative can provide you information about opportunities available to students in the program. • Explore your career interest area. • Learn about research opportunities through the ASU Humanities Lab.
CHI 202: Second-Year Chinese II (G)	5	C	
Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 60 - 74 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CHI 301: Third-Year Chinese I (G)	5	C	• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. • Learn about national scholarships, fellowships and research opportunities.
CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU & G)	3	C	
China Related Area	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		

Term 6 74 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CHI 302: Third-Year Chinese II (G)	5	C	• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. • Enroll in listed courses or in a School of International Letters and Cultures recommended program abroad. • Use Handshake to research employment opportunities.
CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU & G)	3	C	
China Related Area	3	C	
Upper Division Elective	2		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CHI 307: Introduction to Literary Chinese I (HU)	3	C	• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. • Attend an ASU Career and Professional Development Services workshop or Job Fair.
CHI 380: The Chinese Language	3	C	
Upper Division Chinese Language, Literature and Linguistics Elective Course	3	C	
4** Level Chinese Language, Literature and Linguistics Elective Course	3	C	
Upper Division Elective OR SLC 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHI 308: Classical Chinese II (HU)	3	C	• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. • Apply for full-time career opportunities.
★ 4** Level Chinese Language, Literature and Linguistics Elective Course	3	C	
China Related Area	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

- Select nine hours from the Upper Division Chinese Language, Linguistics, or Literature Courses listed. Students who desire a linguistics emphasis should select CHI 482 plus three hours of language courses. Students who want to emphasize literature should select nine hours of literature courses. All students must take at least six credit hours of Chinese electives at the 400 level.

Hide Course List(s)/Track Group(s)

China Related Area
ARS 201: Art of Asia (HU & H & G)
ARS 472: Art of China (HU)
ARS 475: Chinese Painting (HU)
CHI 333: China (SB & H)
CHI 336: Interpreting China's Classics ((L or HU) & H)
CHI 338: Daode Jing: Way to the West (L or HU)
CHI 343: Daoism ((L or HU) & G & H)
CHI 451: Chinese Cultural History I ((HU or SB) & H)
CHI 452: Chinese Cultural History II (SB & G & H)
HST 384: Modern China: 1700 to the Present (SB & G & H)
REL 345: Asian Religious Traditions (HU & G)
REL 351: Buddhism ((L or HU) & G)

Chinese Language, Literature and Linguistics Elective Courses
CHI 333: China (SB & H)
CHI 336: Interpreting China's Classics ((L or HU) & H)
CHI 338: Daode Jing: Way to the West (L or HU)
CHI 348: Pathways into Chinese Culture
CHI 401: Fourth-Year Chinese I (G)
CHI 402: Fourth-Year Chinese II (G)
CHI 407: Chinese for Academic and Professional Purposes I (G)
CHI 408: Chinese for Academic and Professional Purposes II (G)
CHI 470: Modern Chinese Literature and Culture
CHI 482: History of the Chinese Language

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Asian Languages (Chinese) - Chinese Flagship, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHIBA

Term 1 0 - 12 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHI 101: First-Year Chinese I (G)	5-8	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Learn about Chinese intensive language courses. Students may opt to take CHI 110 (8 credit course equivalent to CHI 101 and CHI 102) in Term 1. • ASU Language Placement: Students with previous experience in the language are required to take a language placement test. • Engage in Chinese at ASU. Practice your language skills at the SILC Cafe.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Term hours subtotal:	12-15		

Term 2 12 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHI 102: First-Year Chinese II (G)	5-8	C	• Newly accepted Flagship students should schedule a meeting with an academic advisor and a Flagship coordinator to create a semester-by-semester plan of study for all required courses for graduation. • Create a Handshake account and explore your career interest area. • Attend a Financing Your Study Abroad Program workshop. • Students who have taken CHI 110 may opt to take CHI 210 (equivalent to CHI 201 and CHI 202) in Term 2.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15-18		

Summer 2 Session 1 27 - 32 Credit Hours	Hours	Minimum Grade	Notes
CHI 201: Second-Year Chinese I (G)	5-8	C	• To remain on track for graduation, Flagship students are expected to participate in a Flagship domestic or abroad approved language program in Summer 2.
Term hours subtotal:	5-8		

Summer 2 Session 2 32 - 37 Credit Hours	Hours	Minimum Grade	Notes

CHI 202: Second-Year Chinese II (G)	5-8	C
Term hours subtotal:	5-8	

- To remain on track for graduation, Flagship students are expected to participate in a Flagship approved language program away from ASU in Summer 2.

Term 3 37 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHI 120: Introduction to Chinese Culture (L or HU)	3	C	• Flagship students should schedule a meeting with an academic advisor and a Flagship coordinator to create a semester-by-semester plan of study for all required courses for graduation. • Learn about research opportunities through the ASU Humanities Lab.
CHI 301: Third-Year Chinese I (G)	5	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 51 - 66 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHI 302: Third-Year Chinese II (G)	5	C	• Learn about internships, scholarships and awards for language majors. • Flagship students may participate in a Flagship approved language program away from ASU in the summer between Terms 4 and 5.
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 66 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHI 307: Introduction to Literary Chinese I (HU)	3	C	• Enroll in Study Abroad Program credits or listed courses. • China Related Content Courses must be taught in Chinese. Consult your academic advisor or Flagship coordinator when choosing your content courses. • Develop your professional online presence.
CHI 401: Fourth-Year Chinese I (G)	3	C	
CHI 348: Pathways into Chinese Culture OR CHI 470: Modern Chinese Literature and Culture	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 81 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHI 402: Fourth-Year Chinese II (G)	3	C	• Enroll in Study Abroad Program credits or listed courses. • Learn about national scholarships, fellowships, and research opportunities through the Humanities Lab. • Attend an ASU Career and Professional Development Services workshop or job fair. • Use Handshake to research employment opportunities
CHI 380: The Chinese Language	3	C	
Upper Division Elective	2		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	11		

		Minimum	

Term 7 92 - 108 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CHI 407: Chinese for Academic and Professional Purposes I (G)	3	C	• All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at National Taiwan University or Nanjing University. • China related content courses must be taught in Chinese. • Gather professional references.
★ Upper Division China Related Content Courses	3	C	
★ Upper Division Chinese Literature and Linguistics Course	3	C	
Complete 2 courses: Elective	7		
Term hours subtotal:	16		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHI 408: Chinese for Academic and Professional Purposes II (G)	3	C	• All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at National Taiwan University or Nanjing University.
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective OR SLC 484: Internship	3		
Term hours subtotal:	12		

- Flagship students are required to complete two China Related Area "Content Courses" taught in the Chinese language. Students are required to take a one-credit Chinese Writing Module to accompany China Related Area "Content Courses" that are taught in English. See department advisor or Flagship program director for additional course offerings.

Hide Course List(s)/Track Group(s)

Upper-Division China Related Content Courses
ARS 472: Art of China (HU)
CHI 333: China (SB & H) or SLC 333: China (SB & H)
CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)
CHI 338: Daode Jing: Way to the West (L or HU)
CHI 343: Daoism ((L or HU) & G & H) or REL 343: Daoism ((L or HU) & G & H)
CHI 345: Chinese Film and Civilization
CHI 348: Pathways into Chinese Culture
CHI 394: Special Topics
CHI 451: Chinese Cultural History I ((HU or SB) & H)
CHI 452: Chinese Cultural History II (SB & G & H)
CHI 494: Special Topics

Chinese Literature and Linguistics Courses
CHI 348 or CHI 470 not taken in earlier requirement may be selected here.
CHI 336: Interpreting China's Classics ((L or HU) & H)
CHI 338: Daode Jing: Way to the West (L or HU)
CHI 348: Pathways into Chinese Culture
CHI 451: Chinese Cultural History I ((HU or SB) & H)
CHI 452: Chinese Cultural History II (SB & G & H)
CHI 470: Modern Chinese Literature and Culture

HST 384: Modern China: 1700 to the Present (SB & G & H)

REL 345: Asian Religious Traditions (HU & G)

REL 351: Buddhism ((L or HU) & G)

SLC 484: Internship

SLC 498: Pro-Seminar

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Asian Languages (Japanese), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJPNBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Learn about Japanese intensive language courses. Students may opt to take JPN 110 Intensive Japanese I (8 credit course equivalent to JPN 101 and JPN 102) in Term 1. • Engage in Japanese at ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
JPN 101: First-Year Japanese I (G)	5	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Start planning your study abroad experience. Meet with a SILC advisor to learn about major-specific study abroad programs in Japan . • Attend a Financing Your Study Abroad Program Workshop. • Explore your career interest area. • Students may opt to take JPN 210 Intensive Japanese II (8 credit course equivalent to JPN 201 and JPN 202) in Term 2 if credit has been earned in JPN 110 or JPN 102.
JPN 102: First-Year Japanese II (G)	5	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JPN 201: Second-Year Japanese I (G)	5	C	• Develop your skills. • Learn about research opportunities through the ASU Humanities Lab.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.		
Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JPN 202: Second-Year Japanese II (G)	5	C	• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JPN 301: Third-Year Japanese I (G)	3	C	• Enroll in listed courses or participate in a School of International Letters and Cultures endorsed program abroad for your major. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Learn about internship, scholarship and award opportunities for language and culture majors.
SLC 421: Japanese Literature in Translation	3	C	
Related Area Course	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JPN 302: Third-Year Japanese II (G)	3	C+	• Enroll in listed courses or participate in a School of International Letters and Cultures endorsed program abroad for your major. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Learn about national scholarships, fellowships, and research opportunities. • Use Handshake to research employment opportunities.
JPN 333: Japanese Civilization from the Ice Age to Last Thursday	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JPN 401: Reading Modern Japanese Texts ((L or HU) & G)	3	C	• Learn about internship opportunities in Japanese • Gather professional references
JPN 414: Introduction to Classical Japanese	3	C	
Upper Division JPN Restricted Electives	3	C	
Upper Division Elective OR JPN 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
4** (400-Level) Japanese Elective	3	C	

Upper Division JPN Restricted Electives	3	C
Complete 3 courses: Upper Division Elective	9	
Term hours subtotal:	15	

- Attend a Career Services workshop or Job Fair.

Hide Course List(s)/Track Group(s)

Upper Division JPN Restricted Electives
JPN 309: Japanese Oral Communication I
JPN 310: Japanese Oral Communication II
JPN 311: Japanese Composition I (G)
JPN 394: Special Topics
JPN 415: Advanced Classical Japanese
JPN 445: Readings in Modern Japanese Letters and Culture
JPN 485: Japanese Literature and the Art of Translation
JPN 492: Honors Directed Study
JPN 493: Honors Thesis (L)
JPN 494: Special Topics
JPN 499: Individualized Instruction

Related Area Courses
ARS 472: Art of China (HU)
ARS 473: Art of Japan (HU)
ARS 475: Chinese Painting (HU)
CHI 120: Introduction to Chinese Culture (L or HU)
CHI 333: China (SB & H)
CHI 336: Interpreting China's Classics ((L or HU) & H)
CHI 338: Daode Jing: Way to the West (L or HU)
CHI 343: Daoism ((L or HU) & G & H)
CHI 345: Chinese Film and Civilization
CHI 451: Chinese Cultural History I ((HU or SB) & H)
CHI 452: Chinese Cultural History II (SB & G & H)
GCU 326: Geography of Asia (SB & G)
GCU 432: Geography of China (SB & G)
HST 106: Asian Civilizations ((HU or SB) & G & H)
HST 387: Japan ((L or SB) & H)
HST 389: Japan Society and Values/Premod
KOR 250: Korean Culture and Society (HU & G)
KOR 321: Modern Korean Literature (HU)

400-Level Japanese Elective
JPN 415: Advanced Classical Japanese
JPN 445: Readings in Modern Japanese Letters and Culture
JPN 484: Internship
JPN 485: Japanese Literature and the Art of Translation
JPN 493: Honors Thesis (L)
JPN 494: Special Topics
JPN 499: Individualized Instruction

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Asian Pacific American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAPABA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Activate your Handshake account and build out your profile.
Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
APA Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		

Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
APA 360: Asian Pacific American Experience ((HU or SB) & C)	3	C	• Explore an internship
Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
APA 450: Asian Pacific American Contemporary Issues (SB & C)	3	C	• Develop your professional online presence
Upper Division Related Area Courses	3	C	
APA Upper Division Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Related Area Courses	3	C	
APA Upper Division Elective	3	C	
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
APA 484: Internship	3	C	• APA 484 requires departmental approval to enroll. • Gather professional references
Upper Division Related Area Courses	3	C	
APA Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
APA 499: Individualized Instruction	3	C	• APA 499 Individualized Instruction is a capstone research project determined in consultation with faculty advisor and requires departmental approval to enroll.
APA Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		

Elective	3	
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR 370: Family Ethnic and Cultural Diversity (SB & C)
APA Elective
ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C)
COM 371: Language, Culture, and Communication (SB & C & G)
ENG 333: American Ethnic Literature
ENG 460: Ethnic Women Writers
HST 325: Immigration and Ethnicity in the United States (SB & H & C)
JUS 320: Community and Social Justice (SB & C)
JUS 325: Globalization and Socio-Economic Justice (SB & G)
JUS 350: Immigration and Justice (SB & C)
JUS 405: Inequality, Economy and Justice ((L or SB) & G)
JUS 432: Racial Justice (L)
POS 439: Minority Group Politics in America (SB & C)
SBS 301: Cultural Diversity ((L or SB) & C)
SBS 339: Grassroots Social Movements (SB)
TCL 327: Health and Migration (SB)
TCL 410: Race, Medicine, and the Body (L)
WST 378: Global Feminist Theory (L & G)
WST 380: Race, Gender, and Class (SB & C)
WST 420: Women of Color in Film (HU & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Astronomical and Planetary Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAASTPLSBS

Term 1 - A 0 - 11 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AST 111: Introduction to Solar Systems Astronomy (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • AST 111 is a session C course (15 weeks long). • Students who place into MAT 210 should take the course in term 1 to complete the MA requirement.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3	C	
Term hours subtotal:	11		

Term 1 - B 11 - 17 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 17 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ)	4	C	• AST 112 is a session C course (15 weeks long). • Select your career interest areas and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
Term hours subtotal:	10		

Term 2 - B 27 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 or ENG 105 or ENG 107 course(s)			
Term hours subtotal:	6		

Term 3 - A 33 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	

Humanities, Arts and Design (HU)	3		• Review the Career Guide for ASU Online Students to learn about available career planning resources.
Term hours subtotal:	7		

Term 3 - B 40 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 47 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SES 106: Habitable Worlds (SQ)	4	C	• Register for a Handshake account and participate in virtual career advising.
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AST 301: Physics of Astrophysics	3	C	• AST 301 is a session C course (15 weeks long). • Build your professional connections -- join the ASU Mentor Network.
Elective	3		
Term hours subtotal:	6		

Term 5 - B 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Astronomical and Planetary Sciences Major Electives	3-4	C	• Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.
Elective	3-2		
Term hours subtotal:	6		

Term 6 - A 72 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SES 350: Engineering Systems and Experimental Problem Solving	3	C	• SES 350 is a session C course (15 weeks long). • Develop your professional online presence.
SES 376: Communicating Astronomical and Planetary Sciences I	3	C	
Term hours subtotal:	6		

Term 6 - B 78 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SES 377: Communicating Astronomical and Planetary Sciences II	3	C	• Use Handshake to research employment opportunities. • Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.
Astronomical and Planetary Sciences Major Electives	3-4	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6-7		

Term 7 - A 84 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AST 321: Introduction to Planetary and Stellar Astrophysics	3	C	• AST 321 is a session C course (15 weeks long). • Apply for full-time career opportunities.
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
Astronomical and Planetary Sciences Major Electives	3-4	C	• Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6-7		

Term 8 - A 96 - 102 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AST 322: Introduction to Galactic and Extragalactic Astrophysics	3	C	• AST 322 is a session C course (15 weeks long).
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Astronomical and Planetary Sciences Major Electives	3-4	C	• Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.
Upper Division Elective	3-2		
Term hours subtotal:	6		

Term 9 - A 108 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Astronomical and Planetary Sciences Major Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Astronomical and Planetary Sciences Major Electives	Upper Division Astronomical and Planetary Sciences Major Electives
BIO 181: General Biology I (SQ)	BIO 340: General Genetics
BIO 182: General Biology II (SG)	BIO 345: Evolution

BIO 340: General Genetics

BIO 345: Evolution

CHM 113: General Chemistry I (SQ)

CHM 114: General Chemistry for Engineers (SQ)

CHM 116: General Chemistry II (SQ)

GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)

MAT 275: Modern Differential Equations (MA)

MAT 343: Applied Linear Algebra

MCO 307: The Digital Audience

MCO 335: Social Media

MCO 425: Digital Media Literacy I

PHI 314: Philosophy of Science (HU)

SES 141: Energy In Everyday Life (SQ)

STP 226: Elements of Statistics (CS)

TWC 401: Fundamentals of Technical Communication (L)

TWC 446: Technical and Scientific Reports (L)

MAT 343: Applied Linear Algebra

MCO 307: The Digital Audience

MCO 335: Social Media

MCO 425: Digital Media Literacy I

PHI 314: Philosophy of Science (HU)

TWC 401: Fundamentals of Technical Communication (L)

TWC 446: Technical and Scientific Reports (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biochemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABCHBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing into lower level math classes can still graduate in 4 years -- see an academic advisor for planning. • Students considering advanced science degrees and those who plan to take advanced math courses should take MAT 270 in place of MAT 251. • Select your Career Interest Areas and play me3@ASU.
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14-15		

Term 2 14 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Research the timeline for health careers and professional program admissions requirements.
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111
CHM 237: General Organic Chemistry Laboratory I	1	C	
PHY 101: Introduction to Physics (SQ)	4	C	
BIO 182: General Biology II (SG)	4	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

- and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term.
- Research admission requirements for health-related professional schools.
- Discuss study abroad opportunities with a School of Molecular Sciences advisor.

Term 4 45 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete PHY 101 OR PHY 112 AND PHY 114 course(s).			
Term hours subtotal:	14		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses.
- Connect with a Career Advisor by registering for a Handshake account.

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 341: Physical Chemistry with a Biological Focus	3	C	
BCH 461: General Biochemistry	3	C	
CHM 302: Environmental Chemistry OR CHM 325: Analytical Chemistry	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Upper Division Elective	3		
Term hours subtotal:	16		

- Create a first draft resume.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	
Advanced BIO Elective	3-4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

- Explore internship opportunities in industry and health fields.
- This is an ideal semester to study abroad. BCH 462 may be taken in the final two terms.

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 467: Analytical Biochemistry Laboratory (L)	3	C	
BCH OR CHM Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR BCH 484: Internship	3		

- Upper Division BCH or CHM Electives must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480.

Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	• Apply for full-time career opportunities.
Complete 4 courses: Upper Division Elective	12		
Term hours subtotal:	15		

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 325: Oceanography or CHM 385: Oceanography
BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
BIO 431: Genes, Development, and Evolution (L)
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)
MIC 220: Biology of Microorganisms
MIC 461: Geomicrobiology

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biochemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABCHBA

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU. • Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 251: Calculus for Life Sciences (MA)	3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Research the timeline for health careers and professional program admissions preparation.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	8		

Term 2 - B 21 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	8	

Term 3 - A 29 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 101: Introduction to Physics (SQ)	4	C	• Research admission requirements for health-related professional schools. • Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	8		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Connect with a career advisor by registering for a Handshake account.
CHM 233: General Organic Chemistry I	3	C	
Term hours subtotal:	7		

Term 4 - B 51 - 58 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 234: General Organic Chemistry II	3	C	
BIO 182: General Biology II (SG)	4	C	
Complete PHY 101 OR PHY 112 AND PHY 114 course(s).			
Term hours subtotal:	7		

Summer 4 58 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 237: General Organic Chemistry Laboratory I	1	C	• ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 341: Physical Chemistry with a Biological Focus	3	C	• Create a first draft resume.

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	6	

Term 5 - B 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		• Explore internship opportunities in industry and health fields.
Upper Division Elective OR BCH 484: Internship	3		
Term hours subtotal:	6		

Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 325: Analytical Chemistry	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Advanced BIO Elective	3-4	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6-7		

Term 7 - A 84 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	• Consider taking BCH 463 as the BCH OR CHM Upper Division Elective in this term.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Term 7 - B 93 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 8 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	• Apply for full-time career opportunities. • Consider taking CHM 394 or CHM 433 for the BCH OR CHM Upper Division Elective in this term for session A.
BCH 461: General Biochemistry	3	C	
Term hours subtotal:	6		

Term 8 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	• Consider taking CHM 453 for the Upper Division Elective in this term for session B.
Upper Division Elective	3		
Term hours subtotal:	6		

Summer 8 114 - 120 Credit Hours Necessary course signified by		Minimum	

	Hours	Grade	Notes
BCH 467: Analytical Biochemistry Laboratory (L)	3	C	• ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
Upper Division Elective	3		
Term hours subtotal:	6		

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 340: General Genetics
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biochemistry, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABCHBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing in lower level math classes can still graduate in four years. See an academic advisor for planning. • Select your Career Interest Areas and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Research the timeline for health careers and professional program admissions preparation.
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 28 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Research admission requirements for health-related professional schools. • Discuss study abroad opportunities with a School of Molecular Sciences advisor.
CHM 237: General Organic Chemistry Laboratory I	1	C	
PHY 111: General Physics (SQ)	3	C	
BIO 182: General Biology II (SG)	4	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		

Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 43 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ)	3	C	• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses. • Connect with a career advisor by registering for a Handshake account.
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	17		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 341: Physical Chemistry with a Biological Focus	3	C	• Create a first draft resume.
BCH 461: General Biochemistry	3	C	
Advanced BIO Elective	3-4	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	15-16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	• This is an ideal semester to study abroad. BCH courses may be taken in the final two terms. • Explore internship opportunities in industry and health fields.
BCH 463: Biophysical Chemistry	3	C	
Advanced BIO Elective	3-4	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 467: Analytical Biochemistry Laboratory (L)	3	C	• Apply for full-time career opportunities.
Upper Division Science and Society Elective	3	C	
Upper Division Elective OR BCH 484: Internship	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH OR CHM Upper Division Elective	3	C	• Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 3 courses:			

Upper Division Elective	9	be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480.
Term hours subtotal:	15	

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 325: Oceanography or CHM 385: Oceanography
BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
BIO 440: Functional Genomics
BIO 446: Principles of Human Genetics (L)
BIO 450: Advanced Developmental Biology
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
BIO 465: Neurophysiology
MBB 343: Genetic Engineering and Society (L)
MBB 350: Applied Genetics
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)
MIC 220: Biology of Microorganisms
MIC 360: Bacterial Physiology
MIC 379: Medical Bacteriology

MIC 461: Geomicrobiology

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biochemistry, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABCHBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Select your career interest area and play me3@ASU.
MAT 266: Calculus for Engineers II (MA)	3	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

PHY 111: General Physics (SQ)	3	C
PHY 113: General Physics Laboratory (SQ)	1	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Term hours subtotal:	7	

- Review the Career Guide for ASU Online students to learn about available career planning resources.

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ)	3	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Register for a Handshake account and participate in virtual career advising.

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
CHM 234: General Organic Chemistry II	3	C	
Elective	3		
Term hours subtotal:	6		

- Plan for in-person laboratory attendance in summer. Talk with your academic advisor.

Summer 4 53 - 55 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 237: General Organic Chemistry Laboratory I	1	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

- ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

Term 5 - A 55 - 62 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.
- Build your professional connections -- join the ASU Mentor Network.

Term 5 - B 62 - 69 Credit Hours	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	
Science and Society Elective	3	C	
Term hours subtotal:	7		

Term 6 - A 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ BCH 341: Physical Chemistry with a Biological Focus	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	6	

Term 6 - B 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BCH 463: Biophysical Chemistry	3	C	• Create a first draft resume.
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 461: General Biochemistry	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	• View career webinars offered by the Career and Professional Development Center.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Advanced BIO Elective	3-4	C	
Upper Division Elective	3		
Term hours subtotal:	6-7		

Term 8 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Advanced BIO Elective	3-4	C	• Plan for in-person laboratory attendance in summer. Talk with your academic advisor. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6-7		

Summer 8 105 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 467: Analytical Biochemistry Laboratory (L)	3	C	• ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
Term hours subtotal:	3		

Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	• Upper Division BCH or CHM Elective cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. Talk with your academic advisor for options.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
BIO 340: General Genetics
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)
MIC 220: Biology of Microorganisms

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120 **General University Requirements Legend**

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biochemistry (Medicinal Chemistry), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABCHMBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing into lower level math courses can still graduate in 4 years -- see an academic advisor for planning. • Select your Career Interest Areas and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15-14		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Research the timeline for health careers and professional program admissions preparation.
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Research admission requirements for health-related professional schools. • Create a first draft resume.
CHM 237: General Organic Chemistry Laboratory I	1	C	
PHY 111: General Physics (SQ)	3	C	
BIO 182: General Biology II (SG)	4		
PHY 113: General Physics Laboratory (SQ)	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		

Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ)	3	C	• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses. • Explore internship opportunities within industry and health fields. • Discuss study abroad opportunities with a School of Molecular Sciences advisor.
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Elective	4		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 341: Physical Chemistry with a Biological Focus	3	C	• Connect with a Career Advisor by registering for a Handshake account. • Students choosing BIO 353 & CHM 343 should take a three credit hour elective in term 6.
BCH 461: General Biochemistry	3	C	
BIO 353: Cell Biology OR BIO 360: Animal Physiology	3		
CHM 343: Elementary Physical Chemistry Laboratory OR BIO 361: Animal Physiology Laboratory	2-1		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	1		
Term hours subtotal:	15-14		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	• This is an ideal semester to study abroad. BCH courses may be taken in the final two terms.
BCH 463: Biophysical Chemistry	3	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	3-2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-14		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 433: Advanced Organic Chemistry I	3	C	• Apply for full-time career opportunities.
BCH 467: Analytical Biochemistry Laboratory (L)	3	C	
Upper Division Science and Society Elective	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR BCH 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 435: Medicinal Chemistry	3	C	• Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot
BCH OR CHM Upper Division Elective	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480.
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biochemistry (Medicinal Chemistry), BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABCHMBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3		• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Research timelines for health careers and professional program admissions preparation.
MAT 266: Calculus for Engineers II (MA)	3		
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

PHY 111: General Physics (SQ)	3	C
PHY 113: General Physics Laboratory (SQ)	1	C
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Term hours subtotal:	7	

- Research admission requirements for health-related professional schools.
- Create a first draft resume.
- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ)	3	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• Explore internship opportunities within industry and health fields.
CHM 233: General Organic Chemistry I	3	C	
Term hours subtotal:	7		

Term 4 - B 48 - 55 Credit Hours	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4		
CHM 234: General Organic Chemistry II	3	C	
Term hours subtotal:	7		

Summer 4 55 - 57 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 237: General Organic Chemistry Laboratory I	1	C	• ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

Term 5 - A 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 341: Physical Chemistry with a Biological Focus	3	C	• Connect with a career advisor by registering for a Handshake account.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 5 - B 63 - 70 Credit Hours	Hours	Minimum Grade	Notes
BCH 463: Biophysical Chemistry	3	C	
Upper Division Elective	4		
Term hours subtotal:	7		

Term 6 - A 70 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ BIO 353: Cell Biology OR BIO 360: Animal Physiology	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 6 - B 76 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
CHM 343: Elementary Physical Chemistry Laboratory OR BIO 361: Animal Physiology Laboratory	2		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	5		

Term 7 - A 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 461: General Biochemistry	3	C	• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	
Science and Society Elective	3	C	
Term hours subtotal:	6		

Summer 7 93 - 96 Credit Hours	Hours	Minimum Grade	Notes
BCH 467: Analytical Biochemistry Laboratory (L)	3	C	• ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
Term hours subtotal:	3		

Term 8 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 433: Advanced Organic Chemistry I	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
BCH OR CHM Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	• Explore an internship.
Upper Division Elective OR BCH 484: Internship	3		
Term hours subtotal:	6		

		Minimum	

Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CHM 435: Medicinal Chemistry	3	C	
Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or other First-Year Seminar required of all first-year students • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization • Create a resume and Handshake account with the Career & Professional Development Center • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 session • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
CHM 231: Elementary Organic Chemistry (SQ)	3		
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- Attend a Study Abroad 101 Session
- Explore minors or certificates

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 345: Evolution	3	C	• Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Explore or pursue internship opportunities • Meet with the Career & Professional Development Center to learn how to develop professional skills
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Additional Major Requirement Course	3	C	• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
PHY 101: Introduction to Physics (SQ)	4	C	
Major Laboratory/Research Course	1-4	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	14-17		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Additional Major Requirement Course	3	C	• Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See the pre-health website for more information • Use Handshake to research employment opportunities
Upper Division Major Laboratory/Research Course	2-4	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	7		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-17		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Additional Major Requirement Course	3	C	• Explore or apply for full-time career opportunities or graduate school • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
Upper Division Major Elective Course	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	*Complete 2 courses:* Upper Division Additional Major Requirement Course	6-7	C
	Upper Division Major Elective Course	3	C
	Complete 2 courses: Elective	6	
	Term hours subtotal:	15-16	

- Continue to apply for full-time career opportunities or graduate school

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory/Research Courses	Major Elective Courses	Additional Major Requirements Courses
BCH 367: Elementary Biochemistry Laboratory	BCH 361: Advanced Principles of Biochemistry	**Ethics, History, and Philosophy of Science**
BIO 303: Plant Diversity and Evolution (L or SG)	BIO OR HPS OR MBB OR MIC 3** Elective	BIO 311: Biology and Society or HPS 340: Biology and Society
BIO 308: Plant Physiology	BIO OR HPS OR MBB OR MIC 4** Elective	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 321: Introductory Ecology Laboratory		BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)
BIO 342: General Genetics Laboratory		BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)		HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)
BIO 352: Laboratory in Vertebrate Developmental Anatomy		**Ecology, Conservation Biology and Evolution**
BIO 354: Cell Biology Laboratory		BIO 320: Fundamentals of Ecology
BIO 357: Cell and Molecular Biology Laboratory		BIO 322: Conservation of Biodiversity
BIO 361: Animal Physiology Laboratory		BIO 421: Landscape Ecology
BIO 370: Vertebrate Zoology		BIO 422: Ecosystem Ecology
BIO 385: Comparative Invertebrate Zoology		BIO 423: Population and Community Ecology
BIO 386: General Entomology		**Microbiology, Molecular, & Cellular Biology**
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship		BCH 361: Advanced Principles of Biochemistry
BIO 415: Statistical Models for Biology (CS)		BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)
BIO 435: Research Techniques in Animal Behavior		BIO 351: Developmental Biology
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		BIO 353: Cell Biology
BIO 471: Ornithology		

BIO 474: Herpetology

BIO 475: Advanced Human Anatomy

BIO 492: Honors Directed Study or MIC 492: Honors Directed Study or MBB 492: Honors Directed Study

BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research

MBB 350: Applied Genetics

MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

MIC 302: Advanced Bacteriology Laboratory (L)

MIC 421: Experimental Immunology

BIO 420: Immunology: Molecular and Cellular Foundations or MIC 420: Immunology: Molecular and Cellular Foundations

BIO 440: Functional Genomics

MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

Organismal Biology

BIO 308: Plant Physiology

BIO 331: Animal Behavior

BIO 360: Animal Physiology

BIO 370: Vertebrate Zoology

BIO 461: Comparative Animal Physiology

BIO 462: Endocrine Physiology

BIO 467: Neurobiology

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABSCBS

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• View ASU Online first-year student registration information here. • Create a resume and Handshake account with the Career & Professional Development Center to explore research or internship opportunities • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Join a student organization • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
STP 231: Statistics for Life Science (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

Term 3 - A 29 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses. • It is not recommended to take more than two lab courses in a term. • Review the Career Guide for ASU Online students to learn about available career planning resources.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 3 - B 36 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Meet with the Career & Professional Development Center to learn how to develop professional skills
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 42 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 345: Evolution	3	C	• Develop your professional online presence • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information • If CHM 233 is taken, then CHM 234 must be taken the following semester • Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information.
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
Term hours subtotal:	6		

Term 4 - B 48 - 55 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Elective	4		
Term hours subtotal:	7		

Summer 4 55 - 56 Credit Hours	Hours	Minimum Grade	Notes
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	• ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the Tempe Campus of ASU
Term hours subtotal:	1		

during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.
- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

Term 5 - A 56 - 63 Credit Hours	Hours	Minimum Grade	Notes
PHY 101: Introduction to Physics (SQ)	4	C	• Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses. • If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application. • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 5 - B 63 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Major Requirement Course	3-4	C	• Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information. • Network in your career interest area.
Elective	3		
Term hours subtotal:	6-7		

Term 6 - A 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Major Requirement Course	3	C	• Work with your academic advisor to align your additional major requirements and major elective courses with your career aspirations • Use Handshake to research employment opportunities
Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 75 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Major Requirement Course	3	C	
★ Major Laboratory Research Course	1-4	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7-10		

Term 7 - A 82 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Major Laboratory Research Course	2-4	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 • Explore or apply for full-time career opportunities or graduate school
Term hours subtotal:	5-7		

Term 7 - B 87 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Elective Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - A 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	• Explore other resources available through ASU's Career and Professional Development Center
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - B 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Elective Course	3	C	• Gather professional references
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Major Requirement Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Major Requirement Course	3	C	• Continue to apply for full-time career opportunities or graduate school
Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory Research Course	Major Electives	Additional Major Requirements Courses
BCH 367: Elementary Biochemistry Laboratory	BCH 361: Advanced Principles of Biochemistry	**Ethics, History, and Philosophy of Science**
BIO 321: Introductory Ecology Laboratory	BIO OR HPS OR MBB OR MIC 3** Elective	BIO 311: Biology and Society or HPS 340: Biology and Society

BIO 342: General Genetics Laboratory	BIO OR HPS OR MBB OR MIC 4** Elective	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 357: Cell and Molecular Biology Laboratory		BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)
BIO 361: Animal Physiology Laboratory		BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)
BIO 370: Vertebrate Zoology		HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)
BIO 415: Statistical Models for Biology (CS)		**Ecology, Conservation Biology and Evolution**
BIO 475: Advanced Human Anatomy		BIO 320: Fundamentals of Ecology
BIO 484: Internship		BIO 322: Conservation of Biodiversity
BIO 492: Honors Directed Study or MIC 492: Honors Directed Study or MBB 492: Honors Directed Study		BIO 422: Ecosystem Ecology
BIO 495: Undergraduate Research		BIO 423: Population and Community Ecology
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)		**Microbiology, Molecular, & Cellular Biology**
		BCH 361: Advanced Principles of Biochemistry
		BIO 351: Developmental Biology
		BIO 353: Cell Biology
		BIO 420: Immunology: Molecular and Cellular Foundations or MIC 420: Immunology: Molecular and Cellular Foundations
		BIO 440: Functional Genomics
		MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)
		Organismal Biology
		BIO 331: Animal Behavior
		BIO 360: Animal Physiology
		BIO 370: Vertebrate Zoology
		BIO 462: Endocrine Physiology

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Biology and Society), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCSBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or other First-Year Seminar required of all first-year students • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization • Create a resume & Handshake account with the Career & Professional Development Center • Explore Research Opportunities • Attend a Pre-Health 101 Session • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Pre-health students should take CHM 233 and CHM 237 instead of the elective in this term. See pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester. • It is not recommended to take more than two lab courses in a term.
BIO 311: Biology and Society OR HPS 340: Biology and Society	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

- BIO 311 or HPS 340 will fulfill the upper-division Science and Society requirement for The College.
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session.
- Explore minors and certificates.

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 345: Evolution	3	C	• Pre-health students should take CHM 234 and CHM 238 instead of electives in this term. See the pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester. • Explore or pursue internship opportunities. • Meet with the Career & Professional Development Center to learn how to develop professional skills.
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Science in Contemporary Society Interface Course	3	C	• Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health website for more information. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad). • Some upper-division Science in Contemporary Society Interface courses require lower-division prerequisites which may be taken as electives. • Explore graduate school or full-time career opportunities.
Upper Division Major Biological Sciences Elective	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 307: Research Colloquium: Identifying a Research Question	1	C	• Pre-health students should take PHY 112 and 114 instead of electives this term. See the pre-health website for more information.
BIO 314: Research Colloquium in Biology and Society I	1	C	
Upper Division Ethics Interface Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 92 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	BIO 484: Internship OR BIO 492: Honors Directed Study OR BIO 495: Undergraduate Research	1	C
	Upper Division Additional Major Core Elective Courses	3	C
	Upper Division Major Biological Sciences Elective	3	C
	Complete 2 courses: Elective	7	
	Term hours subtotal:	14	

- Students who complete less than three hours of BIO 484 or BIO 492 or BIO 495 should plan to complete additional elective hours to reach the minimum 120 total hours required for this degree.
- BIO 484 or BIO 492 or BIO 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own.
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8.
- Explore or apply for full-time career opportunities or graduate school.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ BIO 414: Research Colloquium in Biology and Society II	1	C	• Continue to apply for full-time career opportunities or graduate school.
★ Upper Division History and Philosophy of Science Interface Course	3	C	
Complete 2 courses: Upper Division Major Biological Sciences Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	1		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Science in Contemporary Society Interface Courses
AFR 383: Blacks in Science, Medicine and Public Health
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
ASM 345: Disease and Human Evolution
BIO 302: Cancer--Mother of All Diseases (L)
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H)
BIO 322: Conservation of Biodiversity

Major Biological Sciences Elective Courses
BCH 361: Advanced Principles of Biochemistry
BIO OR HPS OR MBB OR MIC 3** Elective
BIO OR HPS OR MBB OR MIC 4** Elective

Additional Major Core Elective Courses
AFR 383: Blacks in Science, Medicine and Public Health
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
ASB 357: Society, Drugs and Health (SB & G)
ASM 345: Disease and Human Evolution
BIO 302: Cancer--Mother of All Diseases (L)
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)

BIO 323: Ecosystem Restoration and Management

BIO 412: Conservation in Practice or SOS 412: Conservation in Practice

MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

WST 340: Gender, Science, and Technology (SB)

WST 360: Women as Healers (SB & G)

BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H)

BIO 322: Conservation of Biodiversity

BIO 323: Ecosystem Restoration and Management

BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)

BIO 412: Conservation in Practice or SOS 412: Conservation in Practice

BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

HPS 313: Probability, Evidence, and Decision or PHI 313: Probability, Evidence, and Decision

HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)

HPS 322: History of Science I (HU & H)

HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)

HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

HPS 336: Exploration and Science (SB & H)

MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

WST 340: Gender, Science, and Technology (SB)

WST 360: Women as Healers (SB & G)

History and Philosophy of Science Interface Courses

ASB 357: Society, Drugs and Health (SB & G)

BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H)

HPS 313: Probability, Evidence, and Decision or PHI 313: Probability, Evidence, and Decision

HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)

HPS 322: History of Science I (HU & H)

HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)

Ethics Interface Courses

BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)

BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)

BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

HPS 331: History of Medicine (HU & H) or
BIO 318: History of Medicine (HU & H)

HPS 336: Exploration and Science (SB & H)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Biology and Society), BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABSCSBS

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• View ASU Online first-year student registration information here. • Create a resume and Handshake account with the Career & Professional Development Center to explore research or internship opportunities. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Join a student organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Select your career interest area and play me3@ASU. • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement.
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
MAT 251: Calculus for Life Sciences (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement.

Term 3 - A 29 - 35 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 311: Biology and Society OR HPS 340: Biology and Society	3	C	• Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses. • It is not recommended to take more than two lab courses in a term. • Review the Career Guide for ASU Online students to learn about available career planning resources.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 3 - B 35 - 42 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ BIO 340: General Genetics	4	C	• Meet with the Career & Professional Development Center to learn how to develop professional skills
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
❗ Complete First-Year Composition requirement.			
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 42 - 48 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ BIO 345: Evolution	3	C	• Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	6		

Term 5 - A 54 - 60 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Science in Contemporary Society Interface Course	3	C	• If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad). • Explore graduate school or full-time career opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours	Hours	Minimum Grade	Notes

Science and Society Elective	3	C	• Network in your career interest area.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - A 66 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 307: Research Colloquium: Identifying a Research Question	1	C	• Work with your academic advisor to align your additional major requirement and major elective courses with your career aspirations • Use Handshake to research employment opportunities
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	7		

Term 6 - B 73 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BIO 314: Research Colloquium in Biology and Society I	1	C	
Upper Division Additional Major Core Elective Courses	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 80 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 484: Internship OR BIO 495: Undergraduate Research	1	C	• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 • Explore or apply for full-time career opportunities or graduate school
★ Upper Division Major Biological Sciences Elective	3	C	
Elective	3		
Term hours subtotal:	7		

Term 7 - B 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Ethics Interface Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 93 - 100 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Biological Sciences Elective	3	C	• Explore other resources available through ASU's Career and Professional Development Center
Upper Division Elective	1		
Elective	3		
Term hours subtotal:	7		

Term 8 - B 100 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Biological Sciences Elective	3	C	• Gather professional references
BIO 414: Research Colloquium in Biology and Society II	1	C	
Elective	3		
Term hours subtotal:	7		

Term 9 - A 107 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Biological Sciences Elective	3	C	

Elective	4		
Term hours subtotal:	7		

Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division History and Philosophy of Science Interface Course	3	C	• Continue to apply for full-time career opportunities or graduate school
Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Science in Contemporary Society Interface Courses
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
ASM 345: Disease and Human Evolution
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H)
BIO 322: Conservation of Biodiversity
BIO 412: Conservation in Practice or SOS 412: Conservation in Practice
MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

Major Biological Sciences Elective Courses
BCH 361: Advanced Principles of Biochemistry
BIO OR HPS 3** Elective
BIO OR HPS 4** Elective

Additional Major Core Elective Courses
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
ASB 357: Society, Drugs and Health (SB & G)
ASM 345: Disease and Human Evolution
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H)
BIO 322: Conservation of Biodiversity
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)
BIO 412: Conservation in Practice or SOS 412: Conservation in Practice
BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)
HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)
HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)
HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)
MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

History and Philosophy of Science Interface Courses
ASB 357: Society, Drugs and Health (SB & G)
BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H)
HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)
HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)
HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

Ethics Interface Courses
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)
BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Biomedical Sciences), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCMBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or other First-Year Seminar is required of all first-year students • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Create a resume and Handshake account with the Career & Professional Development Center to explore research or internship opportunities • Attend a Pre-Health 101 Session • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Join a student organization • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins	4	C	• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships,
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore minors or certificates

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 345: Evolution	3	C	• Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills.
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BCH 361: Advanced Principles of Biochemistry	3	C	• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See pre-health website for more information. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
BCH 367: Elementary Biochemistry Laboratory	1	C	
BIO 360: Animal Physiology	3	C	
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C	• Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health website for more information • BIO 312 or BIO 416 will be used to satisfy the upper-division Science and Society credit for The College • Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives • Research employment opportunities or graduate school programs
BIO 353: Cell Biology	3	C	
BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L)	3	C	
Upper Division Elective	4		
Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	4-2	C	• Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course • Some upper-division Medicine in Society and Biomedical Research Courses require
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		

Elective	3	
Term hours subtotal:	16-14	

prerequisites, which may be taken as electives
- Explore or apply for full-time career opportunities or graduate school
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C	• Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. • Continue to apply for full-time career opportunities or graduate school
★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	2-4	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	14-16		

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  - Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
  - Some upper-division Medicine in Society courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
  - All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Biomedical Research	Medicine in Society	Suggested Electives
BIO 342: General Genetics Laboratory	ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H)	ASB 100: Introduction to Global Health (SB & G)
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	ASB 102: Introduction to Cultural Anthropology (SB & G)
BIO 352: Laboratory in Vertebrate Developmental Anatomy	ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB)	ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H)
BIO 354: Cell Biology Laboratory	ASB 462: Medical Anthropology: Culture and Health (SB & C)	ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)
BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)	ASM 345: Disease and Human Evolution	ASM 104: Bones, Stones, and Human Evolution (SB or SG)
BIO 357: Cell and Molecular Biology Laboratory	ASM 401: Health and Human Biology	BIO 331: Animal Behavior
BIO 361: Animal Physiology Laboratory		HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G)

BIO 370: Vertebrate Zoology

BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship

BIO 415: Statistical Models for Biology (CS)

BIO 435: Research Techniques in Animal Behavior

BIO 439: Computing for Research

BIO 450: Advanced Developmental Biology

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 475: Advanced Human Anatomy

BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study

BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research

BMI 465: Introduction to Comparative Genomics

MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab

MIC 421: Experimental Immunology

MIC 425: Advanced Immunology

ASM 403: Evolutionary Medicine and Global Health or BIO 403: Evolutionary Medicine and Global Health

ASM 414: Environmental Health (SB)

BIO 302: Cancer--Mother of All Diseases (L)

BIO 311: Biology and Society or HPS 340: Biology and Society

BIO 394: Healing Traditions of Latino-America

BIO 394: Spanish for Biomedical Sciences

BIO 408: Advanced Evolutionary Medicine

HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total College Residency Hrs: 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Biomedical Sciences), BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABSCMBS

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or other First-Year Seminar is required of all first-year students
BIO 181: General Biology I (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• View ASU Online first-year student registration information here. • Create a resume and Handshake account with the Career & Professional Development Center to explore research or internship opportunities • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Join a student organization • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Select your career interest area and play me3@ASU
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	
STP 231: Statistics for Life Science (CS)	3	C	

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal:	7	

- If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

Term 3 - A 29 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses. • It is not recommended to take more than two lab courses in a term. • Review the Career Guide for ASU Online students to learn about available career planning resources.
Elective	3		
Term hours subtotal:	7		

Term 3 - B 36 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 345: Evolution	3	C	• Meet with the Career & Professional Development Center to learn how to develop professional skills
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 42 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 231: Elementary Organic Chemistry (SQ)	3	C	• Develop your professional online presence • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following term • Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information.
Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L)	3	C	• BIO 312 or BIO 416 may be used to satisfy the upper-division Science and Society credit for The College.
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Summer 4 Session 1 54 - 55 Credit Hours	Hours	Minimum Grade	Notes
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	

Term hours subtotal:	1	

- ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.
- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

Term 5 - A 55 - 62 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
PHY 101: Introduction to Physics (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.
- If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for applications.
- Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information.
- Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
- Explore graduate school or full-time career opportunities.

Term 5 - B 62 - 68 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ BIO 360: Animal Physiology	3	C	
Elective	3		
Term hours subtotal:	6		

- Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information.
- Network in your career interest area.

Term 6 - A 68 - 74 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ BIO 353: Cell Biology	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information
- Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health website for more information.

Term 6 - B 74 - 80 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ BCH 361: Advanced Principles of Biochemistry	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information.

Summer 6 Session 2 80 - 84 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**

★ BCH 367: Elementary Biochemistry Laboratory	1	C	• ASU Online students will complete all experiments for the BCH 367 biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.
Elective	3		
Term hours subtotal:	4		

Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C	• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 • Explore or apply for full-time career opportunities or graduate school
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 7 - B 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 96 - 99 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		• Explore other resources available through ASU's Career and Professional Development Center
Term hours subtotal:	3		

Term 8 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	3	C	• Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives. • Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. • Research employment opportunities or graduate school programs • Gather professional references
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 9 - A 105 - 113 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	3	C	• Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. • Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives.
Complete 2 courses: Elective	5		
Term hours subtotal:	8		

Term 9 - B 113 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	7		• Meet with your advisor to verify remaining degree requirements have been met • Continue to apply for full-time career opportunities or graduate school
Term hours subtotal:	7		

- Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
- Some upper-division Medicine in Society courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Biomedical Research	Medicine in Society	Suggested Electives
BIO 342: General Genetics Laboratory	ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H)	ASB 100: Introduction to Global Health (SB & G)
BIO 361: Animal Physiology Laboratory	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	ASB 102: Introduction to Cultural Anthropology (SB & G)
BIO 357: Cell and Molecular Biology Laboratory	ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB)	ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H)
BIO 370: Vertebrate Zoology	ASB 462: Medical Anthropology: Culture and Health (SB & C)	ASM 104: Bones, Stones, and Human Evolution (SB or SG)
BIO 415: Statistical Models for Biology (CS)	ASM 345: Disease and Human Evolution	BIO 331: Animal Behavior
BIO 439: Computing for Research	ASM 403: Evolutionary Medicine and Global Health	HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G)
BIO 475: Advanced Human Anatomy	ASM 414: Environmental Health (SB)	
BIO 484: Internship	HPS 331: History of Medicine (HU & H)	
BIO 495: Undergraduate Research	MIC 314: HIV/AIDS: Science, Behavior, and Society	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Conservation Biology and Ecology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCCBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or other First-Year Seminar required of all first-year students • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization • Create a resume and Handshake account with the Career & Professional Development Center • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 Session • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 320: Fundamentals of Ecology	3	C	• Pre-health students should take CHM 233 and CHM 237 as their Physical Science requirement course this term. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Study Abroad 101 Session
Physical Science Requirement Course	3-4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15-16		

- Explore minors or certificates

Term 4 45 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Meet with the Career & Professional Development Center to learn how to develop professional skills • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Pre-health students should take CHM 234 and CHM 238 this term instead of an elective. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 322: Conservation of Biodiversity	3	C	• BIO 322 will be used to satisfy the upper-division Science and Society requirement for The College • Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
BIO 345: Evolution	3	C	
Upper Division Human Dimensions of Conservation and Ecology Course	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Conservation Biology and Ecology Field Methods Course	3	C	• Conservation Biology and Ecology courses teach students field (outdoor) and laboratory methods that are commonly used in conservation biology and ecology. • Pre-health students should take PHY 112 and 114 instead of an elective this term. See the pre-health website for more information • Use Handshake to research employment opportunities
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Advanced Ecology Course	3	C	• Explore or apply for full-time career opportunities or graduate school • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8.
Quantitative & Spatial Analysis Course	3-4	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15-16		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	Upper Division Advanced Ecology, Biodiversity, Field or Research Course	3-4	C
★	Upper Division Advanced Human Dimensions of Conservation and Ecology Course	3	C
	Complete 2 courses: Upper Division Elective	5	
	Elective	3	
	Term hours subtotal:	14-15	

- Continue to apply for full-time career opportunities or graduate school.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Human Dimensions of Conservation and Ecology
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)
BIO 412: Conservation in Practice
BIO 434: People and Nature: Ecosystem Services or SOS 434: People and Nature: Ecosystem Services

Conservation Biology and Ecology Field Methods
BIO 405: Sonoran Desert Field Botany
BIO 407: Novel Ecosystems
BIO 410: Techniques in Conservation Biology and Ecology (L)
BIO 484: Internship
BIO 494: Discovering Biodiversity

Physical Science Requirement Courses
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)
GIS 205: Geographic Information Science I (CS)
GIS 211: Geographic Information Science II (CS)
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)
GLG 327: Earth's Critical Zone or SOS 374: Earth's Critical Zone
GPH 111: Introduction to Physical Geography (SQ)
PHY 101: Introduction to Physics (SQ) or PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)

Quantitative & Spatial Analysis Courses
BIO 411: Quantitative Methods in Conservation and Ecology
BIO 415: Statistical Models for Biology (CS)
GIS 311: Geographic Information Science III (CS)
GIS 470: Advanced Statistics for Geography and Planning (CS)
GIS 471: Spatial Statistics for Geography and Planning

Advanced Ecology
BIO 421: Landscape Ecology or SOS 421: Landscape Ecology
BIO 422: Ecosystem Ecology
BIO 423: Population and Community Ecology

Advanced Human Dimensions of Conservation and Ecology
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)
BIO 394: The Global Water Classroom
BIO 412: Conservation in Practice
BIO 434: People and Nature: Ecosystem Services or SOS 434: People and Nature: Ecosystem Services

SOS 212: Systems, Dynamics and Sustainability

BIO 494: Society and Natural Resource Management

JUS 444: Environment and Justice (L & C) or FIS 444: Environment and Justice (L & C)

PRM 370: Public Lands Management

PRM 380: Wilderness and Parks in America (SB & H)

REL 349: Nature, Sustainability and Religion or JST 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion

SOS 310: Equity, Justice and Sustainability

SOS 321: Policy and Governance in Sustainable Systems

SOS 325: The Economics of Sustainability

Advanced Ecology, Biodiversity, Field or Research Course

ABS 376: Wildlife Ecology

ABS 380: Restoration and Wildlife Plants

ABS 470: Life History of Mammals

ABS 476: Big Game Habitat Management

ABS 481: Riparian and Wetland Restoration

ASM 443: Primatology

BIO 303: Plant Diversity and Evolution (L or SG)

BIO 313: The Flora of Arizona

BIO 325: Oceanography

BIO 331: Animal Behavior

BIO 370: Vertebrate Zoology

BIO 385: Comparative Invertebrate Zoology

BIO 386: General Entomology

BIO 405: Sonoran Desert Field Botany

BIO 410: Techniques in Conservation Biology and Ecology (L)

BIO 419: Physiological Plant Ecology

BIO 421: Landscape Ecology

BIO 430: Plant Geography or GPH 422: Plant Geography

BIO 436: Sociobiology and Behavioral Ecology

BIO 461: Comparative Animal Physiology

BIO 492: Honors Directed Study

BIO 495: Undergraduate Research

SOS 424: Dynamic Modeling in Social and Ecological Systems

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Conservation Biology and Ecology), BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABSCCBS

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• View ASU Online first-year student registration information here. • Create a resume and Handshake account with the Career & Professional Development Center to explore research or internship opportunities • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Join a student organization
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Select your career interest area and play me3@ASU. • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
MAT 251: Calculus for Life Sciences (MA)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement

Term 3 - A 29 - 35 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 320: Fundamentals of Ecology	3	C	• It is not recommended to take more than two lab courses in a term. • Review the Career Guide for ASU Online students to learn about available career planning resources.
Physical Science Requirement Course	3-4	C	
Term hours subtotal:	6-7		

Term 3 - B 35 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• Meet with the Career & Professional Development Center to learn how to develop professional skills
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		• BIO 322 must be completed by Term 5A; however, students can choose to take it this term • Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses. • Develop your professional online presence
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 4 - B 47 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 322: Conservation of Biodiversity	3	C	• BIO 322 will be used to satisfy the Upper Division Science and Society requirement for The College • If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities
BIO 345: Evolution	3	C	
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Human Dimensions of Conservation and Ecology Course	3	C	• Network in your career interest area.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Conservation Biology and Ecology Field Methods Course	3	C	• Students wanting to use BIO 484 internship to fulfill the Conservation Biology and Ecology Field Methods requirement must seek faculty approval first. • Work with your academic advisor to align your additional major requirements and major elective courses with your career aspirations • Use Handshake to research employment opportunities
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Advanced Ecology Course	3	C	• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 • Explore or apply for full-time career opportunities or graduate school
Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Advanced Human Dimensions of Conservation and Ecology Course	3	C	• Explore other resources available through ASU's Career and Professional Development Center
Upper Division Elective	4		
Term hours subtotal:	7		

Term 8 - B 97 - 106 Credit Hours	Hours	Minimum Grade	Notes
Quantitative & Spatial Analysis Course	3-4	C	• Gather professional references
Complete 2 courses:			

Elective	6		
Term hours subtotal:	9-10		

Term 9 - A 106 - 113 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	4		• Continue to apply for full-time career opportunities or graduate school
Elective	3		
Term hours subtotal:	7		

Term 9 - B 113 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Advanced Ecology, Biodiversity, Field or Research Course	3-4	C	
Elective	4		
Term hours subtotal:	7-8		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Human Dimensions of Conservation and Ecology
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)
BIO 412: Conservation in Practice

Conservation Biology and Ecology Field Methods
BIO 407: Novel Ecosystems
BIO 410: Techniques in Conservation Biology and Ecology (L)
BIO 484: Internship
BIO 494: Discovering Biodiversity

Physical Science Requirement Courses
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)
GIS 205: Geographic Information Science I (CS)
GIS 211: Geographic Information Science II (CS)
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)
GLG 327: Earth's Critical Zone or SOS 374: Earth's Critical Zone
GPH 111: Introduction to Physical Geography (SQ)
PHY 101: Introduction to Physics (SQ) or PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)

Quantitative & Spatial Analysis Courses
BIO 415: Statistical Models for Biology (CS)
GIS 311: Geographic Information Science III (CS)
GIS 470: Advanced Statistics for Geography and Planning (CS)

Advanced Ecology
BIO 422: Ecosystem Ecology
BIO 423: Population and Community Ecology

Advanced Human Dimensions of Conservation and Ecology
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)

GIS 471: Spatial Statistics for Geography and Planning

SOS 212: Systems, Dynamics and Sustainability

BIO 394: The Global Water Classroom

BIO 494: Society and Natural Resource Management

PRM 370: Public Lands Management

PRM 380: Wilderness and Parks in America (SB & H)

SOS 310: Equity, Justice and Sustainability

SOS 321: Policy and Governance in Sustainable Systems

SOS 325: The Economics of Sustainability

Advanced Ecology, Biodiversity, Field or Research Course

ASM 443: Primatology

BIO 331: Animal Behavior

BIO 370: Vertebrate Zoology

BIO 385: Comparative Invertebrate Zoology

BIO 430: Plant Geography or GPH 422: Plant Geography

BIO 495: Undergraduate Research

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Genetics, Cell and Developmental Biology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCGBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or other First-Year Seminar required of all first-year students • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization • Create a resume and Handshake account with the Career & Professional Development Center • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 Session • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- Attend a Study Abroad 101 Session
- Explore minors or certificates

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 345: Evolution	3	C	• Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 61 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	6	C	• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health website for more information • BIO 351 is typically only taught in the Fall semester • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	4		
Term hours subtotal:	17		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	• Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health website for more information • Use Handshake to research employment opportunities or explore graduate school
BIO 308: Plant Physiology OR BIO 360: Animal Physiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations OR MBB 440: Functional Genomics or BIO 440: Functional Genomics	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Major Laboratory/Research Course	2-4	C	• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
Upper Division Major Elective	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

Elective	3	
Term hours subtotal:	14-16	

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Major Laboratory/Research Course	1	C	• Continue to apply for full-time career opportunities or graduate school
BIO 308: Plant Physiology OR BIO 360: Animal Physiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations OR MBB 440: Functional Genomics or BIO 440: Functional Genomics	3	C	
Upper Division Major Elective	2-4	C	
Upper Division Elective	3		
Elective	4		
Term hours subtotal:	13-15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory/Research Courses	Major Electives
BCH 367: Elementary Biochemistry Laboratory	BCH 367: Elementary Biochemistry Laboratory
BIO 308: Plant Physiology	BIO OR HPS OR MBB OR MIC 3** Elective
BIO 342: General Genetics Laboratory	BIO OR HPS OR MBB OR MIC 4** Elective
BIO 352: Laboratory in Vertebrate Developmental Anatomy	
BIO 354: Cell Biology Laboratory	
BIO 357: Cell and Molecular Biology Laboratory	
BIO 361: Animal Physiology Laboratory	
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship	
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging	
BIO 475: Advanced Human Anatomy	
BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study	
BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research	

MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)

MBB 350: Applied Genetics

MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms

MIC 302: Advanced Bacteriology Laboratory (L)

MIC 421: Experimental Immunology

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Genetics, Cell and Developmental Biology), BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABSCGBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• View ASU Online first-year student registration information here. • Create a resume and Handshake account with the Career & Professional Development Center to explore research or internship opportunities • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Join a student organization
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Select your career interest area and play me3@ASU. • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	

STP 231: Statistics for Life Science (CS)	3	C
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

- If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

Term 3 - A 29 - 36 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
BIO 340: General Genetics	4	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.
- It is not recommended to take more than two lab courses in a term.
- Review the Career Guide for ASU Online students to learn about available career planning resources.

Term 3 - B 36 - 42 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

- Meet with the Career & Professional Development Center to learn how to develop professional skills

Term 4 - A 42 - 48 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
BIO 345: Evolution	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

- Develop your professional online presence

Term 4 - B 48 - 54 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

- Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information
- If CHM 233 is taken, then CHM 234 must be taken the following semester
- Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information.

Summer 4 54 - 55 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	
Term hours subtotal:	1		

- ASU Online students will complete all experiments for the CHM 235 organic

chemistry lab at the ASU Tempe Campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.

- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

Term 5 - A 55 - 62 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses. • If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application. • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities.
PHY 101: Introduction to Physics (SQ)	4	C	
Term hours subtotal:	7		

Term 5 - B 62 - 68 Credit Hours	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	• Network in your career interest area.
Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 68 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	• Work with your academic advisor to align your additional major requirements and major elective courses with your career aspirations • Use Handshake to research employment opportunities
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 74 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	6

Term 7 - A 80 - 86 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 • Explore or apply for full-time career opportunities or graduate school
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		• Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information
Term hours subtotal:	6		

Term 8 - A 92 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Major Elective	5	C	• Explore other resources available through ASU's Career and Professional Development Center
Term hours subtotal:	5		

Term 8 - B 97 - 104 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	7		• Gather professional references
Term hours subtotal:	7		

Term 9 - A 104 - 109 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	5		
Term hours subtotal:	5		

Term 9 - B 109 - 116 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Major Laboratory/Research Course	1	C	• Continue to apply for full-time career opportunities or graduate school
Complete 2 courses: Elective	6		
Term hours subtotal:	7		

Term 10 - A 116 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Laboratory/Research Course	2-4	C	
Elective	2		
Term hours subtotal:	4-6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must

be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory/Research Courses	Major Electives
BCH 367: Elementary Biochemistry Laboratory	BCH 367: Elementary Biochemistry Laboratory
BIO 342: General Genetics Laboratory	BIO OR HPS OR MBB OR MIC 3** Elective
BIO 357: Cell and Molecular Biology Laboratory	BIO OR HPS OR MBB OR MIC 4** Elective
BIO 361: Animal Physiology Laboratory	
BIO 475: Advanced Human Anatomy	
BIO 492: Honors Directed Study or MIC 492: Honors Directed Study or MBB 492: Honors Directed Study	
BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research	
MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms	

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biological Sciences (Neurobiology, Physiology and Behavior), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCABS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or other First-Year Seminar required of all first-year students. • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization • Create a resume and Handshake account with the Career & Professional Development Center • Attend a Pre-Health 101 Session • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and 235 this term. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term.
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore minors or certificates

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 345: Evolution	3	C	• Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Meet with the Career & Professional Development Center to learn how to develop professional skills • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	7		
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 331: Animal Behavior OR BIO 360: Animal Physiology	3	C	• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 331: Animal Behavior OR BIO 360: Animal Physiology	3	C	• Pre-health students should take PHY 112 and PHY 114 this term instead of an elective. See pre-health website for more information. • BIO 476 (typically a fall course) and BIO 477 (typically a spring course) together can be taken in place of BIO 467, if desired. • Explore graduate school or full-time career opportunities.
BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	• BIO 476 (typically a fall course) and BIO 477 (typically a spring course) together can be taken in place of BIO 467, if desired. • Explore or apply for full-time career opportunities or graduate school.
BCH 361: Advanced Principles of Biochemistry	3	C	

Upper Division Major Comparative Structure and Function Course	3-4	C
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Elective	2	
Term hours subtotal:	14-15	

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Major Electives	6-8	C	• Continue to apply for full-time career opportunities or graduate school
★ Major Laboratory/Research Course	1-4	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	13-18		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Comparative Structure and Function Courses
BIO 351: Developmental Biology
BIO 370: Vertebrate Zoology
BIO 385: Comparative Invertebrate Zoology
BIO 386: General Entomology
BIO 461: Comparative Animal Physiology
PSY 426: Neuroanatomy

Major Laboratory/Research Courses
BCH 367: Elementary Biochemistry Laboratory
BIO 308: Plant Physiology
BIO 342: General Genetics Laboratory
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)
BIO 352: Laboratory in Vertebrate Developmental Anatomy
BIO 361: Animal Physiology Laboratory
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship
BIO 435: Research Techniques in Animal Behavior
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
BIO 475: Advanced Human Anatomy
BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study
BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research

Upper Division Major Electives
BIO OR MBB OR MIC 3** Elective
BIO OR MBB OR MIC 4** Elective
BMI 465: Introduction to Comparative Genomics
PSY 470: Psychopharmacology

MIC 421: Experimental Immunology

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Biophysics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABIPHBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	• PHY 121 and PHY 122 may be taken in place of PHY 150. • Join a physics student organization.
PHY 150: Physics I (SQ)	4	C	
BIO 182: General Biology II (SG)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• PHY 131 and PHY 132 may be taken in place of PHY 151. • CHM 113 may be taken in place of CHM 117 and CHM 111.
PHY 151: Physics II (SQ)	4	C	
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ)	4	C	
Science and Society Elective	3	C	
Maintain 2.50 GPA in Critical Tracking Courses.			
Complete Mathematics (MA) requirement.			

Term hours subtotal:	15

Term 4 45 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 201: Mathematical Methods in Physics I (CS)	3	C	• CHM 116 may be taken in place of CHM 118 and CHM 112. • MAT 275 and (MAT 342 or MAT 343) may be taken in place of PHY 201. PHY 201 is recommended. Students who do not take PHY 201 will need a Computer/Statistics/Quantitative Applications (CS) course. • Explore research fields within physics.
PHY 252: Physics III (SQ)	4	C	
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	17		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 345: Physical Chemistry I	3	C	• Gain research experience
BIO 360: Animal Physiology OR BIO 353: Cell Biology	3	C	
Upper Division Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 346: Physical Chemistry II	3	C	• Use Handshake to research employment opportunities. • Start preparing for after graduation.
PHY 312: Mechanics and Electromagnetism	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 371: Driving Forces in Biology	3	C	• Develop your professional online presence
PHY 472: Advanced Biophysics Lab	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR PHY 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 473: From Molecules to Cells	3	C	
Complete 3 courses: Upper Division Elective	9		
Elective	1		
Term hours subtotal:	13		

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Hide Course List(s)/Track Group(s)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Chemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHMBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing into lower level math can still graduate in 4 years -- see an academic advisor for planning. • Select your Career Interest Areas and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15-14		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Connect with a career advisor by registering for a Handshake account.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator.
CHM 237: General Organic Chemistry Laboratory I	1	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ)	3	C	• Build your professional connections -- join the ASU Mentor Network
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 325: Analytical Chemistry OR BCH 361: Advanced Principles of Biochemistry	3		• CHM 325 and CHM 326 are only offered in the Fall semester. • Create a first draft resume. • This is an ideal semester to study abroad. CHM 325 and CHM 326 may be taken in Term 7.
CHM 326: Advanced Analytical Chemistry Laboratory OR BCH 367: Elementary Biochemistry Laboratory	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Term hours subtotal:	14		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 341: Elementary Physical Chemistry	3	C	• Explore internship opportunities.
CHM 343: Elementary Physical Chemistry Laboratory	1		
Humanities, Arts and Design (HU)	3		
Complete 3 courses: Upper Division Elective	9		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 453: Inorganic Chemistry	3	C	• CHM 453 is only offered in the Fall semester. • Apply for full-time career opportunities.
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR CHM 484: Internship	3		
Complete 2 courses: Upper Division Elective	6		

Term hours subtotal:	15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM OR BCH Upper Division Elective	3	C	• Upper Division CHM or BCH Elective must be completed at the Tempe campus and cannot be met with BCH 341, BCH 371, BCH 372, or CHM 480. • Students who choose the BCH 361/367 sequence should take CHM 325 as their major elective to ensure competitiveness in science industry careers.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	4		
Elective	2-4		
Term hours subtotal:	15-17		

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Chemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LACHMBA

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3		• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Connect with a career advisor by registering for a Handshake account.
MAT 266: Calculus for Engineers II (MA)	3		
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 35 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

PHY 111: General Physics (SQ)	3	C
PHY 113: General Physics Laboratory (SQ)	1	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Term hours subtotal:	8	

- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator.

Term 3 - B 35 - 43 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PHY 112: General Physics (SQ)	3	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 43 - 50 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
CHM 233: General Organic Chemistry I	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

- Build your professional connections -- join the ASU Mentor Network

Term 4 - B 50 - 57 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
CHM 234: General Organic Chemistry II	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Summer 4 57 - 59 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
CHM 237: General Organic Chemistry Laboratory I	1	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

- ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

Term 5 - A 59 - 66 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CHM 341: Elementary Physical Chemistry	3	C	
CHM 343: Elementary Physical Chemistry Laboratory	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

- Create a first draft resume.

Term 5 - B 66 - 74 Credit Hours	**Hours**	**Minimum Grade**	**Notes**

Computer/Statistics/Quantitative Applications (CS)	3	
Upper Division Elective	3	
Elective	2	
Term hours subtotal:	8	

Term 6 - A 74 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 361: Advanced Principles of Biochemistry	3	C	• Explore internship opportunities.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - B 80 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Summer 6 87 - 88 Credit Hours	Hours	Minimum Grade	Notes
BCH 367: Elementary Biochemistry Laboratory	1	C	• ASU Online students will complete all experiments for the Biochemistry lab at the ASU Tempe campus in a compressed format in summer. Lab reports will be completed in subsequent weeks during the same summer term.
Term hours subtotal:	1		

Term 7 - A 88 - 96 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		• Apply for full-time career opportunities.
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	8		

Term 7 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM OR BCH Upper Division Elective (CHM 325 recommended)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 102 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	9		

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 453: Inorganic Chemistry	3	C	
Complete 2 courses: Upper Division Elective	6		

Term hours subtotal: 9

Hide Course List(s)/Track Group(s)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Chemistry, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHMBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15-14		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	• Connect with a career advisor by registering for a Handshake account.
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Build your professional connections -- join the ASU Mentor Network.
CHM 237: General Organic Chemistry Laboratory I	1	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	4-3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15-14	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 240: Mathematical Methods in Chemistry (CS)	3	C	• CHM 240 is only offered in the Spring semester. • Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the five credit hours of Electives in Term 4. These courses will allow the student to meet Term 4 critical tracking and the prerequisites for CHM 345 in Term 5. Will still need substitution course; discuss options with major advisor.
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	5		
Term hours subtotal:	15		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 345: Physical Chemistry I	3	C	• CHM 325, CHM 326, CHM 345, and CHM 348 are only offered in the Fall semester. • Create a first draft resume.
CHM 325: Analytical Chemistry	3	C	
CHM 326: Advanced Analytical Chemistry Laboratory	1	C	
CHM 348: Physical Chemistry Laboratory I (L)	1	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	14		

Term 6 74 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 346: Physical Chemistry II	3	C	• CHM 327, CHM 328, CHM 346, and CHM 349 are only offered in the Spring semester. • Explore internship opportunities.
CHM 327: Instrumental Analysis	3	C	
CHM 328: Instrumental Analysis Laboratory	2	C	
CHM 349: Physical Chemistry Laboratory II (L)	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 89 - 104 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 453: Inorganic Chemistry	3	C	• CHM 453 is only offered in the Fall semester. • Upper Division CHM or BCH Elective must be completed at the Tempe campus and cannot be met with BCH 341, BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, or CHM 480. • Apply for full-time career opportunities.
Science and Society Elective	3	C	
CHM OR BCH Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR CHM 484: Internship	3		
Term hours subtotal:	15		

		Minimum	

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CHM 452: Inorganic Chemistry Laboratory (L)	1	C	• CHM 452 and CHM 460 are only offered in the Spring semester.
CHM 460: Biological Chemistry	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	16		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Chemistry (Environmental Chemistry), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHMEBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15-14		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	• Connect with a career advisor by registering for a Handshake account.
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Build your professional connections -- join the ASU Mentor Network
CHM 237: General Organic Chemistry Laboratory I	1	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	4-3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15-14	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 240: Mathematical Methods in Chemistry (CS)	3	C	• CHM 240 is only offered in the Spring semester. • Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the 5 credit hours of Electives. These two courses will allow students to meet Term 4 critical tracking and the prerequisites for CHM 345 in Term 5. Will still require a substitution; discuss options with major advisor.
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	5		
Term hours subtotal:	15		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 302: Environmental Chemistry	3	C	• CHM 302, CHM 345, and CHM 348 are only offered in the Fall semester. • Create a first draft resume.
CHM 345: Physical Chemistry I	3	C	
CHM 348: Physical Chemistry Laboratory I (L)	1	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GLG 321: Mineralogy	3	C	• CHM 303 and GLG 321 are only offered in the Spring semester. • Explore internship opportunities.
CHM 303: Environmental Chemistry Laboratory (L)	2	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CHM 325: Analytical Chemistry	3	C	• CHM 325 and CHM 326 are only offered in the Fall semester and must be taken on the Tempe campus. • Apply for full-time career opportunities.
CHM 326: Advanced Analytical Chemistry Laboratory	1	C	
Upper Division Science and Society Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR CHM 484: Internship	3		
Elective	3		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ CHM 481: Geochemistry	3	C	• CHM 481 is only offered in the Spring semester.
BCH 361: Advanced Principles of Biochemistry	3	C	
BCH 367: Elementary Biochemistry Laboratory	1	C	
Complete 2 courses: Upper Division Elective	7		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Civic and Economic Thought and Leadership, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACELBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEL 100: Great Ideas of Politics and Ethics (HU)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEL 200: Great Debates in American Politics (HU)	3	C	• Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
CEL Elective	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
	Term hours subtotal:	14	

Term 4 44 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• See your academic advisor to explore internship opportunities. • Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	17		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEL 300: Debating Capitalism	3	C	• CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement. • Explore graduate programs with faculty and your advisor.
Upper Division American Political Thought	3	C	
Upper Division Related Area Electives	3	C	
CEL Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Moral and Political Thought	3	C	• Develop your professional online presence. • Use Handshake to research employment opportunities.
CEL 484: Internship	3	C	
Upper Division Related Area Electives	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Leadership in the 21st Century	3	C	• Gather online references. • Update and polish your resume. • Apply to graduate programs.
CEL 475: Statesmanship and American Grand Strategy (HU)	3	C	
CEL Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership	3	C	• Complete an in person or virtual practice interview. • Apply for full-time career opportunities.
Upper Division Political Economy and Economic Thought	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Complete 2 courses: Elective	5	
	Term hours subtotal:	14

Hide Course List(s)/Track Group(s)

Moral and Political Thought
CEL 305: Classical Political Philosophy and Statesmanship: The Greeks
CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty
CEL 394: Democracies in Crisis
CEL 394: Justice and Virtue
CEL 394: Theories of Democratic Citizenship
CEL 494: Political Thought: Islam, Hinduism, Confucianism
CEL 494: Politics & Literature/Shakespeare Prince

American Political Thought
CEL 394: Liberalism and Conservatism in America
CEL 394: Lincoln: Rhetoric, Thought, Statesmanship
CEL 394: Political Thought & Leadership of James Madison
CEL 394: Tocqueville on Liberty, Equality and Democracy
CEL 494: Civil Liberties and Rights
CEL 494: Law of the Constitution: Governments & Powers

Political Economy and Economic Thought
CEL 345: Modern Economic Classics
CEL 394: The American Political Economy
CEL 394: Classical to Modern Economic Thought
CEL 394: Entrepreneurialism and Innovation
CEL 494: Adam Smith and Classical Political Economy

Leadership in the 21st Century
CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826
CEL 394: Ideologicl Origns Anglo-Am Librty: 4 Mod Revolutns
CEL 394: Left and Right Around the World
CEL 494: National Security Policy Design
CEL 494: Political Leadership and Statesmanship

Related Area Electives
AFR Upper Division Elective
COM Upper Division Elective
ECN Upper Division Elective
HON Upper Division Elective
HST Upper Division Elective
JUS Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
SGS Upper Division Elective
SOS Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Civic and Economic Thought and Leadership, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACETLBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEL 100: Great Ideas of Politics and Ethics (HU)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEL 200: Great Debates in American Politics (HU)	3	C	• Network in your career interest area • Join a student club or professional organization
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CEL Elective	3	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

		Minimum	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Grade	Notes
Science and Society Elective	3	C	• See your academic advisor to explore internship opportunities. • Secure a part-time job or volunteer experience.
Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEL 300: Debating Capitalism	3	C	• CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement. • Explore graduate programs with faculty and your advisor.
Upper Division Moral and Political Thought	3	C	
CEL 484: Internship	3	Y	
Upper Division Related Area Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 301: Empirical Political Inquiry (SB) OR SGS 305: Empirical Political Inquiry (SB)	3	C	• Develop your professional online presence. • Use Handshake to research employment opportunities.
Upper Division American Political Thought	3	C	
Upper Division Related Area Electives	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEL 475: Statesmanship and American Grand Strategy (HU)	3	C	• Gather professional references. • Update and polish your resume. • Apply to graduate programs.
POS 401: Political Statistics (CS) OR SGS 401: Political Statistics (CS)	3	C	
Upper Division Leadership in the 21st Century	3	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership	3	C	• Complete an in person or virtual practice interview. • Apply for full-time career opportunities.
Upper Division Poltical Economy amd Economic Thought	3	C	
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Moral and Political Thought
CEL 305: Classical Political Philosophy and Statesmanship: The Greeks
CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty
CEL 394: Democracies in Crisis
CEL 394: Justice and Virtue
CEL 394: Theories of Democratic Citizenship
CEL 494: Political Thought: Islam, Hinduism, Confucianism
CEL 494: Politics & Literature/Shakespeare Prince

American Political Thought
CEL 394: Liberalism and Conservatism in America
CEL 394: Lincoln: Rhetoric, Thought, Statesmanship
CEL 394: Political Thought & Leadership of James Madison
CEL 394: Tocqueville on Liberty, Equality and Democracy
CEL 494: Civil Liberties and Rights
CEL 494: Law of the Constitution: Governments & Powers

Political Economy and Economic Thought
CEL 345: Modern Economic Classics
CEL 394: The American Political Economy
CEL 394: Classical to Modern Economic Thought
CEL 394: Entrepreneurialism and Innovation
CEL 494: Adam Smith and Classical Political Economy

Leadership in the 21st Century
CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826
CEL 394: Ideologicl Origns Anglo-Am Librty: 4 Mod Revolutns
CEL 394: Left and Right Around the World
CEL 494: National Security Policy Design
CEL 494: Political Leadership and Statesmanship

Related Area Electives
AFR Upper Division Elective
COM Upper Division Elective
ECN Upper Division Elective
HON Upper Division Elective
HST Upper Division Elective
JUS Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
SGS Upper Division Elective
SOS Upper Division Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Communication, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACOMBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Mathematics (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization • Activate your Handshake account and build out your profile. • Create a first draft resume
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 207: Introduction to Communication Inquiry	3	C	• Develop your skills • Build your professional connections -- join the ASU Mentor Network
COM 225: Public Speaking (L)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Term hours subtotal:	17	

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L)	3	C	• Select COM electives in consultation with academic advisor. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Explore an internship.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
COM Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 250: Communication and the Workplace (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research ((L or HU) & H)	6	C	• Students will select two Areas of Emphasis from the five available options shown below and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6. • Develop your professional online presence .
Computer/Statistics/Quantitative Applications (CS)	3		
Upper Division Elective	3		
Elective OR COM 484: Internship	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 77 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 407: Advanced Critical Methods in Communication	3	C	• Students will select two Areas of Emphasis from the five available options shown below and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6. • Use Handshake to research employment opportunities.
Complete 2 courses: COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G)	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* COM Upper Division Elective	6	C	• It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. • Apply for full-time career opportunities.
Complete 3 courses: Upper Division Elective	9		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6.
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- • Students will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below.
- • In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Communication and Healthy Relating	Workplace, Organizational and Leadership Communication	Civility, Advocacy and Engaging Publics
COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)	COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)	COM 321: Rhetorical Theory and Research ((L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU)
Electives:	Electives:	Electives:
COM 230: Small Group Communication (SB)	COM 230: Small Group Communication (SB)	COM 222: Argumentation (L)
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 259: Communication in Business and the Professions	COM 316: Gender and Communication (SB & C)
COM 310: Relational Communication (SB)	COM 312: Communication, Conflict, and Negotiation	COM 320: Communication and Consumerism (SB)
COM 312: Communication, Conflict, and Negotiation	COM 319: Persuasion and Social Influence (SB)	COM 323: Communication Approaches to Popular Culture (C)
COM 316: Gender and Communication (SB & C)	COM 377: Communication, Terrorism, and National Security	COM 325: Advanced Public Speaking and Presentations (L)
COM 317: Nonverbal Communication (SB)	COM 394: Communication, Culture, and New Media Technologies	COM 326: Court Room Oratory
COM 327: Civil Communication	COM 400: Intercultural Business Communication	COM 327: Civil Communication
COM 411: Communication in the Family (SB)	COM 414: Crisis Communication	COM 426: Political Communication (SB)

COM 452: Communication and the Art of Happiness	COM 430: Leadership in Group Communication
	COM 452: Communication and the Art of Happiness
	COM 453: Communication Training and Development
Communication, Creativity and Performance	Communication Across Cultures
COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity, Performance, and Human Communication	COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G)
Electives:	Electives:
COM 194: Communication and Creativity	COM 317: Nonverbal Communication (SB)
COM 281: Communication Activities	COM 327: Civil Communication
COM 341: Social Contexts for Performance	COM 394: Communication, Culture, and New Media Technologies
COM 441: Performance Studies (HU)	COM 442: Identity, Performance, and Human Communication
COM 445: Narrative Performance (HU)	COM 465: Intercultural Communication Workshop
COM 446: Performance of Literature Written by Women ((L or HU) & C)	COM 494: Communication in Multi-National Organizations
	COM 494: Conflict and Intercultural Dialogue

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Communication, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LACOMBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students • Select your career interest area and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
ASU 101-LA: The ASU Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3	C	• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Activate your Handshake account and build out your profile.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Create a first draft resume
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Minimum 2.00 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

COM 207: Introduction to Communication Inquiry	3	C	• Develop your skills
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete First-Year Composition requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L)	3	C	• Contact Career and Professional Development Services and speak with a career advisor for assistance with career planning and networking.
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 4 - B 47 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		• Explore an internship
Natural Science - Quantitative (SQ)	4		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 110: Elements of Interpersonal Communication (SB) OR COM 310: Relational Communication (SB)	3	C	• Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in Term 5 (either COM 110 or 310, and COM 250), and the second course from each area should be completed in Term 6. • Develop your professional online presence.
COM 250: Communication and the Workplace (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ COM 410: Interpersonal Communication Theory and Research (SB)	3	C	• Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in Term 5, and the second course from each area should be completed in term 6. • Use Handshake to research employment opportunities.
★ COM 450: Organizational Communication (SB)	3	C	
Term hours subtotal:	6		

Term 6 - B 72 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 407: Advanced Critical Methods in Communication	3	C	• Select COM electives in conjunction with academic advisor. • COM electives should be chosen from the two Areas of Emphasis course lists provided below. • Draft or update your resume.
★ COM Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• Upper division COM electives should be chosen from the two Areas of Emphasis course lists provided below.
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• Upper division COM electives should be chosen from the two Areas of Emphasis course lists provided below. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• Upper division COM electives should be chosen from the two Areas of Emphasis course lists provided below.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 109 - 115 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - A 115 - 120 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	5		
⭐ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	5		

- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Workplace, Organizational and Leadership Communication
COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)
Electives:
COM 230: Small Group Communication (SB)
COM 259: Communication in Business and the Professions
COM 312: Communication, Conflict, and Negotiation
COM 319: Persuasion and Social Influence (SB)
COM 400: Intercultural Business Communication
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development

Communication and Healthy Relating
COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)
Electives:
COM 230: Small Group Communication (SB)
COM 263: Elements of Intercultural Communication (SB & C & G)
COM 310: Relational Communication (SB)
COM 312: Communication, Conflict, and Negotiation
COM 316: Gender and Communication (SB & C)
COM 327: Civil Communication

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Communication, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACOMBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Mathematics (MA) (MAT 142 recommended)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization. • Activate your Handshake account and build out your profile. • Create a first draft resume.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 207: Introduction to Communication Inquiry	3	C	• Develop your skills • Build your professional connections -- join the ASU Mentor Network
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			

Minimum 2.00 GPA ASU Cumulative.			
Complete First-Year Composition requirement.			
	Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L)	3	C	• All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Explore an internship.
Science and Society Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 250: Communication and the Workplace (SB) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research ((L or HU) & H)	6	C	• All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements. • Students will select two Areas of Emphasis from five available options shown below and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6. • Develop your professional online presence.
Upper Division Science and Society Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective OR COM 484: Internship	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 408: Quantitative Research Methods in Communication	3	C	• Students will select two Areas of Emphasis from five available options shown below and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6. • Use Handshake to research employment opportunities.
Complete 2 courses: COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G)	6	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Minimum 2.00 GPA ASU Cumulative.			
	Term hours subtotal:	15	

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Elective	3	C	• Select COM electives in conjunction with academic advisor. • It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. • Apply for full-time career opportunities.
COM Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* COM Upper Division Elective	6	C	• It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below.
- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but it cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Communication and Healthy Relating	Workplace, Organizational and Leadership Communication	Civility, Advocacy and Engaging Publics
COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)	COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)	COM 321: Rhetorical Theory and Research ((L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU)
Electives:	Electives:	Electives:
COM 230: Small Group Communication (SB)	COM 230: Small Group Communication (SB)	COM 222: Argumentation (L)
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 259: Communication in Business and the Professions	COM 316: Gender and Communication (SB & C)
	COM 312: Communication, Conflict, and Negotiation	COM 320: Communication and Consumerism (SB)

COM 310: Relational Communication (SB)

COM 312: Communication, Conflict, and Negotiation

COM 316: Gender and Communication (SB & C)

COM 317: Nonverbal Communication (SB)

COM 327: Civil Communication

COM 411: Communication in the Family (SB)

COM 452: Communication and the Art of Happiness

COM 319: Persuasion and Social Influence (SB)

COM 377: Communication, Terrorism, and National Security

COM 394: Communication, Culture, and New Media Technologies

COM 400: Intercultural Business Communication

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 452: Communication and the Art of Happiness

COM 453: Communication Training and Development

COM 323: Communication Approaches to Popular Culture (C)

COM 325: Advanced Public Speaking and Presentations (L)

COM 326: Court Room Oratory

COM 327: Civil Communication

COM 426: Political Communication (SB)

Communication, Creativity and Performance

COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity, Performance, and Human Communication

Electives:

COM 194: Communication and Creativity

COM 281: Communication Activities

COM 341: Social Contexts for Performance

COM 441: Performance Studies (HU)

COM 445: Narrative Performance (HU)

COM 446: Performance of Literature Written by Women ((L or HU) & C)

Communication Across Cultures

COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G)

Electives:

COM 317: Nonverbal Communication (SB)

COM 327: Civil Communication

COM 394: Communication, Culture, and New Media Technologies

COM 442: Identity, Performance, and Human Communication

COM 465: Intercultural Communication Workshop

COM 494: Communication in Multi-National Organizations

COM 494: Conflict and Intercultural Dialogue

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Communication, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LACOMBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students • Select your career interest area and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
ASU 101-LA: The ASU Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) (MAT 142 recommended)	3	C	• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Activate your Handshake account and build out your profile.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		• Create a first draft resume.
Minimum 2.00 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

COM 207: Introduction to Communication Inquiry	3	C	• Develop your skills
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Complete First-Year Composition requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L)	3	C	• Contact Career and Professional Development Services and speak with a career advisor for assistance with career planning and networking.
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		• Explore an internship
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
COM 110: Elements of Interpersonal Communication (SB) OR COM 310: Relational Communication (SB)	3	C	• Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in term 5 (either COM 110 or COM 310, and COM 250) and the second course from each area should be completed in term 6. • Develop your professional online presence.
COM 250: Communication and the Workplace (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
Computer/Statistics/Quantitative Applications (CS)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 410: Interpersonal Communication Theory and Research (SB)	3	C	• Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in term 5 and the second course from each area should be completed in term 6. • Use Handshake to research employment opportunities.
★ COM 450: Organizational Communication (SB)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 408: Quantitative Research Methods in Communication	3	C	• All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements. • Draft or update your resume.
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Elective	3	C	• Select COM electives in conjunction with academic advisor. • COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below.
Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• Upper division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• Upper division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below.
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	6

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• Upper division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Elective	3		
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	3		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Communication and Healthy Relating	Workplace Organizational and Leadership Communication
COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)	COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)
Electives:	Electives:
COM 230: Small Group Communication (SB)	COM 230: Small Group Communication (SB)
	COM 259: Communication in Business and the Professions

COM 263: Elements of Intercultural Communication (SB & C & G)

COM 310: Relational Communication (SB)

COM 312: Communication, Conflict, and Negotiation

COM 316: Gender and Communication (SB & C)

COM 327: Civil Communication

COM 312: Communication, Conflict, and Negotiation

COM 319: Persuasion and Social Influence (SB)

COM 400: Intercultural Business Communication

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Computational Mathematical Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACMSBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Elective	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation. • Join a student club or professional organization, like Math Club.
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Science Sequence Course AND Natural Science - Quantitative (SQ)	4	C	
Literacy and Critical Inquiry (L) (PHI 103 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Critical Tracking Courses.			
Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	17		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 240: Introduction to Programming Languages	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU)
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
MAT 275: Modern Differential Equations (MA)	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		

Complete First-Year Composition requirement.			• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
Complete Mathematics (MA) requirement.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Minimum 2.00 GPA in MAT and STP.			
	Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 300: Mathematical Structures (L)	3	C	• Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation • Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program. • Develop professional skills • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
Science Sequence Course AND Natural Science - Quantitative (SQ) or Natural Science - General (SG)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 63 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Develop your professional online presence. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
MAT 420: Scientific Computing	3	C	
Science Sequence Course	4	C	
Elective	4		
Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	14		

Term 6 77 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 421: Applied Computational Methods (CS)	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success.
Science Sequence Course	4	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Advanced Courses	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
Upper Division Internship/Research/Advanced Science Course	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Elective	3		
Elective	3		
Minimum 2.00 GPA in MAT and STP.			

Term hours subtotal:	15	

- Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.
- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Advanced Courses	6	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Meet with your academic advisor for final degree check and apply for graduation through your My ASU.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
★ Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The Computational Mathematical Sciences degree requires students to select and complete two 1-year lecture and lab combinations. Upon advisor approval, two advanced courses for which the first 1-year science and lab sequence is a prerequisite may be substituted for the second 1-year science and lab sequence.

Hide Course List(s)/Track Group(s)

Science Sequence Courses	Internship, Research, or Advanced Science	Advanced Courses
AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) or AST 321: Introduction to Planetary and Stellar Astrophysics AND AST 322: Introduction to Galactic and Extragalactic Astrophysics AND BIO 182: General Biology II (SG)	AST Upper Division Elective	DAT 401: Statistical Modeling and Inference for Data Science
CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ)	BIO 320: Fundamentals of Ecology	DAT 402: Machine Learning for Data Science
CHM 114: General Chemistry for Engineers (SQ) AND CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	BME Upper Division Elective	MAT 415: Introduction to Combinatorics
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ) AND GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)	CEE Upper Division Elective	MAT 416: Graph Theory
	CHE Upper Division Elective	MAT 419: Introduction to Linear Optimization (CS)
	CHM Upper Division Elective	MAT 423: Numerical Analysis I (CS)
	CIS Upper Division Elective	MAT 425: Numerical Analysis II (CS)
	CSE Upper Division Elective	MAT 447: Cryptography I
	EEE Upper Division Elective	MAT 448: Cryptography II
	GLG 305: Dynamic Earth	MAT 451: Mathematical Modeling (CS)
	GLG 321: Mineralogy	MAT 452: Introduction to Chaos and Nonlinear Dynamics
	GLG 362: Geomorphology	MAT 461: Applied Complex Analysis
	GLG 4** Elective	
	IEE Upper Division Elective	

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) AND PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ) AND PHY 151: Physics II (SQ)

MAE Upper Division Elective

MAT 484: Internship

MAT 493: Honors Thesis (L)

MAT 495: Undergraduate Research

MIC Upper Division Elective

MSE Upper Division Elective

PHI 413: Advanced Symbolic Logic

PHY Upper Division Elective

PLB Upper Division Elective

MAT 462: Applied Partial Differential Equations

MAT 475: Differential Equations

MAT 476: Partial Differential Equations

STP 420: Introductory Applied Statistics (CS)

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Data Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LADATSCIBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Students who complete MAT 270 must also complete MAT 271 in Term 2. Students who complete MAT 265 must also complete MAT 266 in Term 2. • It is highly recommended that students work with both an academic advisor from the School of Mathematical and Statistical Sciences and an assigned advisor affiliated with their chosen track. • Select your career interest area and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	15-14		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Students who complete MAT 270 must also complete MAT 271. Students who complete MAT 265 must also complete MAT 266. • Some upper-division track courses require prerequisites. It is recommended that students consult with their advisors and use electives to complete appropriate course prerequisites. • Create a first draft resume.
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3-4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DAT 250: Data Science and Society	3	C	• Students must choose and complete a minimum of 21 credit hours in their selected track. Track options are Behavioral Sciences, Biosciences,
MAT 343: Applied Linear Algebra	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses:			

Elective	5	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Business Analytics, Computer Science, Mathematics, Social Sciences, or Spatial Sciences.

- Some track courses may require additional prerequisites, so students will work with an assigned academic advisor in their track as well as the School of Mathematical and Statistical Sciences to select electives to satisfy necessary prerequisites.

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DAT 300: Mathematical Tools for Data Science	3	C	• Students pursuing the Computer Science track are advised to take CSE 220 this term due to prerequisite requirements in future terms. • Explore an internship.
Required Track Courses	3-4	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	15-16		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DAT 301: Exploring Data in R and Python	4	C	• Students pursuing the Computer Science track are advised to take CSE 310 in this term due to prerequisite requirements in future terms. • Develop your professional online presence.
Upper Division Required Track Courses	3-4	C	
Required Track Courses	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	2-3		
Term hours subtotal:	15-17		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DAT 401: Statistical Modeling and Inference for Data Science	3	C	
Complete 2 courses: Upper Division Required Track Courses	6	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DAT 402: Machine Learning for Data Science OR CSE 475: Foundations of Machine Learning	3	C	• Students pursuing the Computer Science track are advised to enroll in CSE 475 rather than DAT 402. Students pursuing all other tracks are advised to enroll in DAT 402 in this term. • Gather professional references.
Upper Division Required Track Courses	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DAT 490: Data Science Capstone (L) OR Disciplinary Capstone from selected track	3-2	C	

Upper Division Literacy and Critical Inquiry (L)	3
Social-Behavioral Sciences (SB)	3
Complete 2 courses: Upper Division Elective	5
Term hours subtotal:	14-13

- Students pursuing the Spatial Sciences track will complete a two credit hour capstone course; all other tracks require three credits of capstone coursework.
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Behavioral Sciences Track: In cooperation with an assigned academic advisor, students must complete five required courses from the initial group of courses displayed in the track and one additional required course from the remaining list. Students must also complete three credit hours in DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY subject areas.
- Biosciences Track: Students are required to complete BIO 439, BIO 440, a Bioethics related course from the provided list and three credit hours of DAT 490 Data Science Capstone. An additional three courses (minimum of nine credit hours) are chosen from the remaining track electives.
- Business Analytics Track: Students are to complete all courses in the track plus three credit hours of DAT 490 Data Science Capstone.
- Computer Science Track: In consultation with advisor, students must complete four required courses (12 credit hours) and pick two related courses (six credit hours). In addition, they must complete three credit hours of DAT 490 Data Science Capstone.
- Mathematics Track: Students are to complete MAT 267 and MAT 275. In cooperation with an academic advisor, students must also select four courses from the remaining courses in the track list below. In addition, students need to complete three credit hours in DAT 490 Data Science Capstone.
- Social Sciences Track: In consultation with an assigned academic advisor, students will select six courses for a minimum of 18 credit hours from the track list below, at least 12 credit hours of which must be upper division. In addition, students must complete three credit hours in DAT 490 Data Science Capstone or a disciplinary-specific capstone course.
- Spatial Sciences Track: Students must complete six courses listed in the track. In addition, they will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.

Hide Course List(s)/Track Group(s)

Behavioral Sciences Track	Biosciences Track	Business Analytics Track
Complete five courses from list below:	**Complete three courses from list below:**	**Complete all courses below:**
CDE 232: Human Development (SB) or FAS 101: Personal Growth and Relationships (SB) or PSY 101: Introduction to Psychology (SB)	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) or BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) or BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) or BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)	CIS 235: Introduction to Information Systems
FAS 498: Advanced Statistics for Social Sciences or SOC 469: Multivariate Statistics for Social Sciences or GIS 469: Multivariate Statistics for Social Sciences or PSY 330: Statistical Methods (CS)		CIS 355: Business Data Warehouses and Dimensional Modeling
		CIS 365: Business Database Systems Development
		CIS 375: Business Data Mining
		CIS 415: Big Data Analytics in Business

PSY 290: Research Methods (L or SG) or FAS 361: Applied Research Methods (L or SB)

PSY 498: Data Mining in the Behavioral Sciences or STP 450: Nonparametric Statistics or STP 452: Multivariate Statistics

SOC 390: Social Statistics I (CS)

Choose one elective course from list below:

CDE 312: Adolescence (SB) or SOC 312: Adolescence (SB)

CDE 337: Early Childhood Intervention

CDE 418: Aging and the Life Course (SB & H) or SOC 418: Aging and the Life Course (SB & H)

CDE 430: Infant and Toddler Development in the Family (SB)

CDE 450: Childhood Disorders and Family Functioning

FAS 301: Introduction to Parenting

FAS 332: Human Sexuality (SB)

FAS 440: Fundamentals of Marriage and Family Therapy

LSC 325: Physiological Psychology or PSY 325: Physiological Psychology or PTX 325: Physiological Psychology

PSY 315: Personality Theory and Research (SB)

PSY 320: Learning and Motivation

PSY 324: Memory and Cognition

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

Computer Science Track

Complete four courses from list below:

CSE 220: Programming for Computer Engineering or CSE 240: Introduction to Programming Languages

CSE 310: Data Structures and Algorithms

CSE 365: Information Assurance

MAT 243: Discrete Mathematical Structures

Choose two elective courses from list below:

CSE 450: Design and Analysis of Algorithms

BIO 439: Computing for Research

BIO 440: Functional Genomics or MBB 440: Functional Genomics

Choose three elective courses from list below:

BIO 355: Introduction to Computational Molecular Biology (CS)

BIO 411: Quantitative Methods in Conservation and Ecology

BIO 415: Statistical Models for Biology (CS)

BIO 494: Data Analysis in Neuroscience

Mathematics Track

Complete both courses below:

MAT 267: Calculus for Engineers III (MA)

MAT 275: Modern Differential Equations (MA)

Choose four elective courses from list below:

ACT 370: Software Tools for Business Analytics

ACT 435: Statistics for Risk Modeling

DAT 494: Bayesian Statistics

WPC 300: Problem Solving and Actionable Analytics

Social Sciences Track

Complete one course from list below:

ECN 425: Introduction to Econometrics

POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS)

Choose five elective courses from list below:

ACO 100: All About Data: Design, Query, and Visualization (CS)

ALA 235: Introduction to Computer Modeling (CS)

CSE 467: Data and Information Security

CSE 471: Introduction to Artificial Intelligence

CSE 476: Introduction to Natural Language Processing

MAT 300: Mathematical Structures (L)

MAT 353: Mathematics and Cancer

MAT 419: Introduction to Linear Optimization (CS)

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 429: Optimization

MAT 451: Mathematical Modeling (CS)

MAT 452: Introduction to Chaos and Nonlinear Dynamics

STP 310: Design and Analysis of Experiments

STP 311: Regression and Time Series Analyses

STP 420: Introductory Applied Statistics (CS) or STP 427: Mathematical Statistics

STP 421: Probability

STP 429: Applied Regression (CS)

AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences

AML 441: Mathematical Concepts and Tools in Sustainability

ASB 230: Beginning Social Research (SB)

ASB 363: From Cells to Society: Understanding Complexity or BIO 363: From Cells to Society: Understanding Complexity

ASM 201: Epidemics and Outbreaks

ASM 494: Models in Social Evolution

BME 301: Numerical Methods in Biomedical Engineering

BMI 211: Modeling Biomedical Decisions

BMI 461: Advanced Topics in Biomedical Informatics I

BMI 462: Advanced Topics In Biomedical Informatics II

COM 308: Advanced Research Methods in Communication (L)

COM 407: Advanced Critical Methods in Communication

CRJ 303: Statistical Analysis (CS)

ECN 410: Applied Regression Analysis and Forecasting

ECN 416: Game Theory and Economic Behavior

ECN 441: Public Economics (SB)

ECN 445: Environmental Economics

ECN 470: Mathematical Economics

FAS 361: Applied Research Methods (L or SB)

FAS 498: Advanced Statistics for Social Sciences

FIS 335: Designing Knowledge (SB)

FIS 403: Governing Emerging Technologies (SB)

GCU 325: Geography of Europe (SB & G)

GCU 351: Population Geography (SB & G)

GCU 357: Social Geography (SB)

GCU 361: Urban Geography (SB)

GCU 364: Energy in the Global Arena (SB & G)

Spatial Sciences Track
Complete all four courses below:
GIS 205: Geographic Information Science I (CS)
GIS 211: Geographic Information Science II (CS)
GIS 311: Geographic Information Science III (CS)
GIS 322: Programming Principles in GIS II
Complete one course below:

GCU 426: Geography of Russia and Surroundings (SB & G)
ISS 415: Knowledge Management (SB)
MKT 352: Marketing Research (L)
PAF 471: Public Policy Analysis
POS 331: Public Opinion (SB)
POS 434: Media and Politics (SB)
PUP 424: Planning Methods
PUP 481: Fundamentals of Spatial Optimization
SBS 302: Qualitative Methods
SBS 304: Social Statistics I (CS)
SBS 389: Ethnographic Field Lab
SBS 404: Social Statistics II: Multivariate Analysis (CS)
SGS 305: Empirical Political Inquiry (SB) or POS 301: Empirical Political Inquiry (SB)
SOS 212: Systems, Dynamics and Sustainability
SOS 424: Dynamic Modeling in Social and Ecological Systems
SOS 441: Mathematical Concepts and Tools in Sustainability or AML 441: Mathematical Concepts and Tools in Sustainability
STP 310: Design and Analysis of Experiments
STP 311: Regression and Time Series Analyses
STP 452: Multivariate Statistics
TWC 411: Principles of Visual Communication (L)

GIS 469: Multivariate Statistics for Social Sciences

GIS 470: Advanced Statistics for Geography and Planning (CS)

GIS 471: Spatial Statistics for Geography and Planning

Complete one course below:

GIS 202: Drones to Satellites: Observing Earth from Above (CS)

GIS 451: Geodesign and Urban Planning

GIS 494: GIS and Public Health

GIS 494: GIS for Climate Change Science

GIS 494: Landscape Analysis Using GIS

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Data Science, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LADATSCIBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• View ASU Online first-year student registration information here.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 20 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Some upper-division track courses require prerequisites. It is recommended that students consult with their advisors and use electives to complete appropriate course prerequisites.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		

Term 3 - A 29 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DAT 250: Data Science and Society	3	C	• Minimum grade of C required in all required classes in the major; grade of B or better strongly correlated with timely graduation.
MAT 343: Applied Linear Algebra	3	C	

Elective	3	
Term hours subtotal:	9	

- Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU).

Term 3 - B 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
DAT 300: Mathematical Tools for Data Science	3	C	
Required Track Courses	3	C	
Term hours subtotal:	6		

- Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.
- Students must choose and complete a minimum of 21 credit hours in their selected track. Track options are Behavioral Sciences, Biosciences, Business Analytics, Social Sciences, or Spatial Sciences.
- Some track courses may require additional prerequisites, so students will work with an assigned academic advisor in their track as well as the School of Mathematical and Statistical Sciences to select electives to satisfy necessary prerequisites.

Term 4 - B 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 5 - A 57 - 64 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DAT 301: Exploring Data in R and Python	4	C	
Upper Division Required Track Courses	3	C	
Term hours subtotal:	7		

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.

Term 5 - B 64 - 73 Credit Hours	Hours	Minimum Grade	Notes
Required Track Courses	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 6 - A 73 - 82 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
DAT 401: Statistical Modeling and Inference for Data Science	3	C	
Upper Division Required Track Courses	3	C	

Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Term hours subtotal:	9	

- Minimum grade of C required in all required classes in the major; grade of B or better strongly correlated with timely graduation.
- Develop your professional online presence.

Term 6 - B 82 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Required Track Courses	3	C	
Upper Division Science and Society Elective	3	C	
Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 91 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 402: Machine Learning for Data Science	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

- Minimum grade of C required in all required courses; grade of B or better strongly correlated with timely graduation.
- Complete an in person or virtual practice interview.

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Required Track Courses	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 490: Data Science Capstone (L) OR Disciplinary Capstone from selected track	3-2	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6-5		

- Students pursuing the Spatial Sciences track will complete a two credit hour capstone course; all other tracks require three credits of capstone coursework.

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

- Behavioral Sciences Track: In cooperation with an assigned academic advisor, students must complete five required courses from the initial group of courses displayed in the track and one additional required course from the remaining list. Students must also complete three credit hours of DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY subject areas.
- Biosciences Track: Students are required to complete BIO 439, BIO 440, a Bioethics related course from the provided list and three credit hours of DAT 490 Data Science Capstone. An additional three courses (minimum of 9 credit hours) are chosen from the remaining track electives.
- Business Analytics Track: Students are to complete all courses in the track plus three credit hours of DAT 490 Data Science Capstone.
- Social Sciences Track: In consultation with an assigned academic advisor, students will select six courses for a minimum of 18 credit hours from the track list below, at least 12 credit hours of which must be upper division. In addition, students must complete three credit hours of DAT 490 Data Science Capstone or a disciplinary-specific capstone course.
- Spatial Sciences Track: Students must complete six courses listed in the track. In addition, they will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.

Hide Course List(s)/Track Group(s)

Behavioral Sciences Track	Biosciences Track	Business Analytics Track
Complete five courses from list below:	**Complete three courses from list below:**	**Complete all courses below:**
CDE 232: Human Development (SB) or FAS 101: Personal Growth and Relationships (SB) or PSY 101: Introduction to Psychology (SB)	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) or BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) or BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) or BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)	CIS 235: Introduction to Information Systems
FAS 498: Advanced Statistics for Social Sciences or SOC 469: Multivariate Statistics for Social Sciences or GIS 469: Multivariate Statistics for Social Sciences or PSY 330: Statistical Methods (CS)	BIO 439: Computing for Research	CIS 355: Business Data Warehouses and Dimensional Modeling
PSY 290: Research Methods (L or SG) or FAS 361: Applied Research Methods (L or SB)	BIO 440: Functional Genomics or MBB 440: Functional Genomics	CIS 365: Business Database Systems Development
PSY 498: Data Mining in the Behavioral Sciences	**Choose three elective courses from list below:**	CIS 375: Business Data Mining
SOC 390: Social Statistics I (CS)	BIO 355: Introduction to Computational Molecular Biology (CS)	CIS 415: Big Data Analytics in Business
Choose one elective course from list below:	BIO 411: Quantitative Methods in Conservation and Ecology	WPC 300: Problem Solving and Actionable Analytics
CDE 312: Adolescence (SB) or SOC 312: Adolescence (SB)	BIO 415: Statistical Models for Biology (CS)	
CDE 418: Aging and the Life Course (SB & H) or SOC 418: Aging and the Life Course (SB & H)	BIO 494: Data Analysis in Neuroscience	
CDE 430: Infant and Toddler Development in the Family (SB)		
CDE 450: Childhood Disorders and Family Functioning		
FAS 301: Introduction to Parenting		
FAS 332: Human Sexuality (SB)		
PSY 315: Personality Theory and Research (SB)		

PSY 320: Learning and Motivation

PSY 324: Memory and Cognition

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

Social Sciences Track
Complete one course from list below:
POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS)
Choose five elective courses from list below:
ACO 100: All About Data: Design, Query, and Visualization (CS)
ASM 201: Epidemics and Outbreaks
COM 308: Advanced Research Methods in Communication (L)
COM 407: Advanced Critical Methods in Communication
CRJ 303: Statistical Analysis (CS)
ECN 410: Applied Regression Analysis and Forecasting
ECN 441: Public Economics (SB)
FAS 361: Applied Research Methods (L or SB)
GCU 325: Geography of Europe (SB & G)
GCU 426: Geography of Russia and Surroundings (SB & G)
MKT 352: Marketing Research (L)
PUP 424: Planning Methods
SGS 305: Empirical Political Inquiry (SB) or POS 301: Empirical Political Inquiry (SB)
SOS 212: Systems, Dynamics and Sustainability
TWC 411: Principles of Visual Communication (L)

Spatial Sciences Track
Complete all four courses below:
GIS 205: Geographic Information Science I (CS)
GIS 211: Geographic Information Science II (CS)
GIS 311: Geographic Information Science III (CS)
GIS 322: Programming Principles in GIS II
Complete one course below:
GIS 469: Multivariate Statistics for Social Sciences
GIS 470: Advanced Statistics for Geography and Planning (CS)
GIS 471: Spatial Statistics for Geography and Planning
Complete one course below:
GIS 202: Drones to Satellites: Observing Earth from Above (CS)
GIS 451: Geodesign and Urban Planning
GIS 494: GIS and Public Health
GIS 494: GIS for Climate Change Science
GIS 494: Landscape Analysis Using GIS

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Earth and Environmental Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAEESBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3	C	• Students who place into MAT 170 should take the course in term 1 to complete the MA requirement. • LIA 101 is mandatory for all first-year students. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GLG 108: Water Planet (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

Term 3 28 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ)	4	C	• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ)	4	C	
SES 220: Biology of a Changing Earth	3	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 43 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SES 225: Global Biogeochemical Cycles	3	C	• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Explore an internship.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GLG 325: Oceanography	3	C	• Students are strongly encouraged to meet with SESE faculty advisors to discuss career options.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GLG 305: Dynamic Earth	3	C	• Research career opportunities. • The list of approved major electives along with their prerequisites may be viewed on the SESE website. • Students should meet with an advisor to do a graduation check.
Complete 2 courses: Upper Division Earth and Environmental Studies (EES) Major Electives	6	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GLG 327: Earth's Critical Zone	3	C	• If not already completed, students should meet with an advisor to do a graduation check. • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval.
4** (400-level) Earth and Environmental Studies (EES) Electives	3	C	
Upper Division Earth and Environmental Studies (EES) Major Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3	
Term hours subtotal:	15	

- Apply for career opportunities.
- The list of approved major electives along with their prerequisites may be viewed on the SESE website.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GLG 464: Solving Environmental Problems	3	C	• The list of approved major electives along with their prerequisites may be viewed on the SESE website.
4** (400-level) Earth and Environmental Studies (EES) Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

4** (400-level) Earth and Environmental Studies (EES) Electives	Upper Division Earth and Environmental Studies (EES) Electives
ABS 430: Watershed Management	ABS 430: Watershed Management
ABS 479: Ecosystem Management and Planning (L)	ABS 479: Ecosystem Management and Planning (L)
ABS 485: GIS in Natural Resources	ABS 485: GIS in Natural Resources
ABS 486: Introduction to Remote Sensing	ABS 486: Introduction to Remote Sensing
BIO 412: Conservation in Practice	ASB 326: Human Impacts on Ancient Environments (SB & H)
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)
ERM 426: Environmental Issues	BIO 324: Environmental Ethics (HU)
ERM 428: International Environmental Management (G)	BIO 412: Conservation in Practice
FIS 444: Environment and Justice (L & C)	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
GLG 424: Petrology	ENG 371: Rhetoric of the Environmental Movement
GLG 430: Paleontology	ERM 426: Environmental Issues
GLG 435: Sedimentology and Stratigraphy	ERM 428: International Environmental Management (G)
GLG 441: Ore Deposits	FIS 334: Science, Technology and Inequality (C)
GLG 470: Hydrogeology	FIS 444: Environment and Justice (L & C)
GLG 476: Earth's Past Climates: The Key to our Sustainable Future	GCU 364: Energy in the Global Arena (SB & G)
GLG 481: Geochemistry	GIS 341: Cartography and Georepresentation (CS)
GPH 414: Climate Change (G)	
JUS 444: Environment and Justice (L & C)	

JUS 456: Human Rights and Sustainability ((L or SB) & G)

PUP 442: Environmental Planning

SCN 401: Sustainability Science, Technology, and Society

SOC 455: Human Rights and Sustainability ((L or SB) & G)

SOS 412: Conservation in Practice

SOS 414: Urban and Environmental Health (SB)

SOS 429: Human Impacts on Ecosystem Functioning

SOS 434: People and Nature: Ecosystem Services

SOS 456: Human Rights and Sustainability ((L or SB) & G)

SOS 476: Earth's Past Climates: The Key to our Sustainable Future

STP 420: Introductory Applied Statistics (CS)

GLG 301: Earth Science in Arizona and the Southwest

GLG 304: Minerals, Energy, and Society

GLG 310: Structural Geology

GLG 321: Mineralogy

GLG 424: Petrology

GLG 430: Paleontology

GLG 435: Sedimentology and Stratigraphy

GLG 441: Ore Deposits

GLG 470: Hydrogeology

GLG 476: Earth's Past Climates: The Key to our Sustainable Future

GLG 481: Geochemistry

GPH 314: Global Change (HU & G)

GPH 381: Geography of Natural Resources (G)

GPH 414: Climate Change (G)

HST 345: Environmental History (L)

JUS 332: Politics of Energy Policy and Justice

JUS 334: Science, Technology and Inequality (C)

JUS 444: Environment and Justice (L & C)

JUS 456: Human Rights and Sustainability ((L or SB) & G)

PHI 310: Environmental Ethics (HU)

POS 300: Contemporary Global Controversies (SB & G)

PUP 301: Introduction to Urban Planning (L)

PUP 442: Environmental Planning

SCN 300: Foundations of Environmental Education

SCN 302: Environmental Education (L & G)

SCN 307: Learning from Nature: Biomimicry and STEM

SCN 308: Urban Environmental Education

SCN 401: Sustainability Science, Technology, and Society

SOC 331: Environmental Sociology (SB & G)

SOC 455: Human Rights and Sustainability ((L or SB) & G)

SOS 300: Advanced Concepts and Integrated Approaches in Sustainability

SOS 310: Equity, Justice and Sustainability

SOS 314: Basic Energy Science

SOS 315: Energy Policy

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 323: Sustainable Urban Dynamics

SOS 324: Sustainable Energy Technology and Systems

SOS 325: The Economics of Sustainability

SOS 326: Sustainable Ecosystems

SOS 327: Sustainable Food and Farms

SOS 372: Earth Science in Arizona and the Southwest

SOS 373: Minerals, Energy, and Society

SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G)

SOS 412: Conservation in Practice

SOS 414: Urban and Environmental Health (SB)

SOS 429: Human Impacts on Ecosystem Functioning

SOS 434: People and Nature: Ecosystem Services

SOS 456: Human Rights and Sustainability ((L or SB) & G)

SOS 476: Earth's Past Climates: The Key to our Sustainable Future

STP 420: Introductory Applied Statistics (CS)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Earth and Space Exploration, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3	C	• Students who place into MAT 265 should take the course in term 1 to complete the MA requirement. • LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system, or take SES 126/SES 128 if their interests are in exploration outside of the solar system. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
CHM 114: General Chemistry for Engineers (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

- Join a student club or professional organization.

Term 3 28 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Develop your skills.
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
SES 230: Coding for Exploration (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SES 350: Engineering Systems and Experimental Problem Solving	3	C	• Students need two upper-division electives for the major (six credits total). Electives may be chosen from the branch course list or students may take any other upper-division GLG or SES or AST courses offered by the School of Earth and Space Exploration, excluding GLG 300 or GLG 400/SES 401. • Students should meet with faculty advisor to discuss research opportunities.
MAT 275: Modern Differential Equations (MA)	3	C	
Upper Division SES Branch Course	3	C	
SES OR GLG OR AST Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division SES Branch Course	3	C	• Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.
Upper Division Science and Society Elective	3	C	
SES OR GLG OR AST Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Students should meet with an advisor to do a graduation check.
- Research career opportunities.

Term 7 90 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 410: Senior Exploration Project I	3	C	• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • If not already completed, students should meet with an advisor to do a graduation check. • Apply for full-time career opportunities.
SES 401: Earth and Space Exploration Colloquium	1	C	
Upper Division SES Branch Course	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 411: Senior Exploration Project II	3	C	
Upper Division SES Branch Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division SES Branch Courses

- AST 321: Introduction to Planetary and Stellar Astrophysics
- AST 322: Introduction to Galactic and Extragalactic Astrophysics
- GLG 310: Structural Geology
- GLG 321: Mineralogy
- GLG 418: Geophysics
- GLG 424: Petrology
- GLG 471: Hydrology
- GLG 481: Geochemistry
- GLG 490: Remote Sensing
- SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 330: Practical Electronics and Instrumentation

SES 405: Exploration Systems Engineering

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Earth and Space Exploration (Astrobiology and Biogeosciences), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESABBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3	C	• Students who place into MAT 265 should take the course in term 1 to complete the MA requirement. • LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students interested in exoplanets and the potential for life on other worlds should take SES 126/SES 128. Students interested in life in extreme environments and the origins of life should take SES 122/SES 124. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

- Join a student club or professional organization.

Term 3 28 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Develop your skills.
MAT 266: Calculus for Engineers II (MA)	3	C	
BIO 181: General Biology I (SQ)	4	C	
SES 230: Coding for Exploration (CS)	3	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 42 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
BIO 182: General Biology II (SG)	4	C	
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	17		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GLG 321: Mineralogy	3	C	• Students should start meeting with faculty to discuss research opportunities
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Upper Division Astrobiology & Biogeosciences Major Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GLG 481: Geochemistry	3	C	• Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities. • Research career opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way. • Students should meet with an advisor to do a graduation check.
SES 311: Essentials of Astrobiology: Exploration for Life in the Universe	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 410: Senior Exploration Project I	3	C	• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way. • Apply for full-time career opportunities. • If not already completed, students should meet with an advisor to do a graduation check.
Upper Division Astrobiology & Biogeosciences Major Elective	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 411: Senior Exploration Project II	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division Astrobiology & Biogeosciences Major Electives

- AST 321: Introduction to Planetary and Stellar Astrophysics
- BIO 320: Fundamentals of Ecology
- BIO 340: General Genetics
- BIO 345: Evolution
- GLG 404: Fundamentals of Planetary Geology
- GLG 430: Paleontology
- GLG 435: Sedimentology and Stratigraphy
- GLG 460: Astrobiology
- GLG 485: Meteorites and Cosmochemistry
- GLG 489: Field Geochemistry (L)
- GLG 490: Remote Sensing
- SES 350: Engineering Systems and Experimental Problem Solving

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Earth and Space Exploration (Astrophysics), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESABS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	• LIA 101 is mandatory for all first-year students. • SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	• SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged. • SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization.
PHY 150: Physics I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	15		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
PHY 151: Physics II (SQ)	4	C	

SES 230: Coding for Exploration (CS)	3	C
Humanities, Arts and Design (HU)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged.
- SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
- Develop your skills.

Term 4 44 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PHY 201: Mathematical Methods in Physics I (CS)	3	C	• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
PHY 252: Physics III (SQ)	4	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
AST 321: Introduction to Planetary and Stellar Astrophysics	3	C	• Students should meet with faculty to discuss research opportunities
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 314: Quantum Physics I	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
AST 322: Introduction to Galactic and Extragalactic Astrophysics	3	C	• Explore an internship. In order to earn credits for an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way. • Students should meet with an advisor to do a graduation check. • Research career opportunities.
AST 421: Astrophysics I	3	C	
Upper Division Astrophysics Major Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 106 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
AST 422: Astrophysics II	3	C	• Students interested in graduate school should be researching programs and preparing

★ SES 410: Senior Exploration Project I	3	C	application materials. Continue to meet with faculty for input along the way. • If not already completed, students should meet with an advisor to do a graduation check. • Apply for full-time career opportunities.
AST 498: Pro-Seminar	1	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ SES 411: Senior Exploration Project II	3	C	
Upper Division Science and Society Elective	3	C	
Complete 3 courses: Upper Division Elective	8		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The suggested list of electives are highly recommended but not required. Students who plan to take the physics GRE are encouraged to choose electives from the PHY options. There is also an option to choose an elective in other GLG, AST, SES, PHY or MAT areas as long as the subject is relevant to astrophysics and the course is upper division. Students should consult with a SESE advisor if they have questions about which courses would satisfy this requirement.

Hide Course List(s)/Track Group(s)

Upper Division Astrophysics Major Elective
GLG OR AST OR SES OR PHY OR MAT Upper Division Elective
GLG 404: Fundamentals of Planetary Geology
PHY 302: Mathematical Methods in Physics II
PHY 310: Classical Particles, Fields, and Matter I
PHY 311: Classical Particles, Fields, and Matter II
PHY 312: Mechanics and Electromagnetism
PHY 315: Quantum Physics II
PHY 361: Introductory Modern Physics
PHY 441: Statistical and Thermal Physics
SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Earth and Space Exploration (Exploration Systems Design), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESESDBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 100: Introduction to Exploration (CS)	3	C	
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system, or take SES 126/SES 128 if their interests are in exploration outside of the solar system. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization.
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

		Minimum	

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Develop your skills.
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EEE 202: Circuits I	4	C	• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	
CHM 114: General Chemistry for Engineers (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SES 330: Practical Electronics and Instrumentation	4	C	• Students should start meeting with their faculty advisor to discuss research opportunities.
SES 350: Engineering Systems and Experimental Problem Solving	3	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SES 405: Exploration Systems Engineering	3	C	• Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • Students should meet with an advisor to do a graduation check. • Research career opportunities.
Upper Division Exploration Systems Design Concentration Elective	3	C	
Upper Division Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SES 410: Senior Exploration Project I	3	C	• Students interested in graduate school should be researching programs and preparing

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

application materials. Continue to meet with faculty advisor for input along the way.
- If not already completed, students should meet with an advisor to do a graduation check.
- Apply for career opportunities.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 411: Senior Exploration Project II	3	C	
Complete 3 courses: Upper Division Elective	8		
Elective	3		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division Exploration Systems Design Concentration Elective

- AST 321: Introduction to Planetary and Stellar Astrophysics
- AST 322: Introduction to Galactic and Extragalactic Astrophysics
- GLG 321: Mineralogy
- GLG 404: Fundamentals of Planetary Geology
- GLG 424: Petrology
- GLG 471: Hydrology
- SES 307: Space Works I
- SES 311: Essentials of Astrobiology: Exploration for Life in the Universe
- SES 407: Space Works II

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Earth and Space Exploration (Geological Sciences), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESGSBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3	C	• Students who place into MAT 265 should take the course in term 1 to complete the MA requirement. • LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization.
MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

Term 3 28 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.
MAT 266: Calculus for Engineers II (MA)	3	C	
SES 230: Coding for Exploration (CS)	3	C	

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
- Develop your skills.

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade
MAT 267: Calculus for Engineers III (MA)	3	C
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C
Science and Society Elective	3	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Milestone: Complete SESE faculty mentoring.		
Term hours subtotal:	16	

- SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
- Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field-based and have additional course fees.

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade
GLG 310: Structural Geology	3	C
GLG 321: Mineralogy	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C
Upper Division Science and Society Elective	3	C
GLG OR SES Upper Division Elective	3	C
Term hours subtotal:	16	

- Students need two GLG branch courses (six credits) and three upper-division GLG or SES electives (nine credits). Electives may be chosen from the branch course list or students may take any other upper-division GLG or SES courses offered by the School of Earth and Space Exploration.
- Students should meet with a faculty advisor to discuss research opportunities.
- Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field-based and have additional course fees.

Term 6 76 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade
GLG 451: Field Geology I (L)	3	C
SES 401: Earth and Space Exploration Colloquium	1	C
GLG OR SES Upper Division Elective	3	C
Humanities, Arts and Design (HU)	3	
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	13	

- Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities.
- Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.
- Research career opportunities.

Summer 6 89 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GLG 452: Field Geology II (L)	3	C	
Term hours subtotal:	3		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division GLG Branch Course	3	C	• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • Apply for career opportunities.
GLG OR SES Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division GLG Branch Course	3	C	
Complete 3 courses: Upper Division Elective	8		
Elective	2		
Term hours subtotal:	13		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division GLG Branch Courses
GLG 362: Geomorphology
GLG 418: Geophysics
GLG 424: Petrology
GLG 430: Paleontology
GLG 435: Sedimentology and Stratigraphy
GLG 471: Hydrology
GLG 481: Geochemistry

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Economics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAECNBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students can choose to complete Humanities (HU) and Historical Awareness (H) separately. • Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142. • Students considering graduate work in economics should choose MAT 270 or a prerequisite course.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA)	3-4	C	• Students considering graduate work in economics should select MAT 270 instead of MAT 210. • Select your career interest area and play the game me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13-14		

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Students considering graduate work in economics should select MAT 271 instead of MAT 211. • Many upper-division related area courses have prerequisites that can be completed as electives in terms 3, 4, and 5. • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance.
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis	3-4	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.			
	Term hours subtotal:	16-17	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately. • Attend career related workshops and meet with a career counselor to discuss professional goals.
ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Science and Society Elective	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 312: Intermediate Microeconomic Theory (SB)	3	C	
Upper Division Science and Society Elective	3	C	
ECN Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	• Complete an internship to develop job-related skills and connections. • Use Handshake to research employment opportunities.
ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics	3	C	
Related Area Course	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 4** Elective	3	C	• Attend a career or graduate education fair.
Related Area Course	3	C	
ECN Upper Division Elective	3	C	
Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 475: Capstone in Economics (L)	3	C	• Finalize future educational or career plans.
ECN 4** Elective	3	C	
Complete 2 courses: Upper Division Elective	6		

Elective	3
Term hours subtotal:	15

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Course
ACC Elective
AGB Upper Division Elective
ASB Upper Division Elective
CIS Elective
DAT Upper Division Elective
ENG 301: Writing for the Professions (L)
FIN Upper Division Elective
GCU Upper Division Elective
GIS Upper Division Elective
HPS Upper Division Elective
HST Upper Division Elective
LES Upper Division Elective
LIA 484: Internship
MAT Upper Division Elective
MKT Upper Division Elective
NLM Upper Division Elective
PAF Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY 304: Effective Thinking (L)
PSY 350: Social Psychology (SB)
PSY 4** Elective
PUP Upper Division Elective
REA Upper Division Elective

SCM Upper Division Elective

SGS Upper Division Elective

SOC 324: Sociology of Work and Organizations (SB & H)

SOC 331: Environmental Sociology (SB & G)

SOC 333: Population (SB & G)

SOC 339: Grassroots Social Movements (SB)

SOC 350: Inequality and Diversity in Education (L & C)

SOC 352: Social Change (SB & G & H)

SOC 4** Elective

SOS Upper Division Elective

STP Upper Division Elective

USL 410: Service Learning: Diverse Community Issues (L & C)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Economics, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAECNBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3	C	• Students placing into MAT 210 should take this course in Term 1-A. If not, students should select a prerequisite course. Students should not take MAT 142. • ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• View ASU Online first-year student registration information here. • Students may choose to complete Humanities (HU) and Historical Awareness (H) requirements separately. • Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms. • Select your career interest area and play me@ASU.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• Review the Career Guide for ASU Online Students to learn about available career planning resources.
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms. • Register for a Handshake account and participate in virtual career advising.
Elective	3		
Term hours subtotal:	6		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms. • Create a first draft resume.
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	• Develop your professional online presence . • Build your professional connections -- join the ASU Mentor Network.
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 50 - 57 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		• Humanities (HU) and Cultural Diversity in the U.S. (C) requirements may be completed separately.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 312: Intermediate Microeconomic Theory (SB)	3	C	• View career webinars offered by Career and Professional Development Center.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

Upper Division Science and Society Elective	3	C
ECN Upper Division Elective	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 410: Applied Regression Analysis and Forecasting	3	C	• Expand, refine and polish your resume.
Related Area Course	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 4** Elective	3	C	• Explore an internship. • Complete a virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 4** Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
ECN Upper Division Elective	3	C	• Use Handshake to research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L)	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses
ACC Elective
AGB Upper Division Elective
ASB Upper Division Elective
CIS Elective
DAT Upper Division Elective
ENG 301: Writing for the Professions (L)
FIN Upper Division Elective
GCU Upper Division Elective
GIS Upper Division Elective
HST Upper Division Elective
LES Upper Division Elective
MAT Upper Division Elective
MKT Upper Division Elective
PAF Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY 304: Effective Thinking (L)
PSY 350: Social Psychology (SB)
PSY 4** Elective
PUP Upper Division Elective
SCM Upper Division Elective
SGS Upper Division Elective
SOC 324: Sociology of Work and Organizations (SB & H)
SOC 4** Elective
SOS Upper Division Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Economics (Politics and the Economy), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAECNPECBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Mathematics (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. • Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142. • Students considering graduate work in economics should choose MAT 270 or a prerequisite course. • Students can choose to complete Humanities (HU) and Historical Awareness (H) separately.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA)	3-4	C	• Students considering graduate work in economics should select MAT 270 instead of MAT 210. • Select your career interest area and play the game me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14-15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Students considering graduate work in economics should select MAT 271 instead of MAT 211. • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance.
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis	3-4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	5		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.			
	Term hours subtotal:	15-16	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately. • Students may choose to combine the Global Awareness (G) with a concentration elective or ECN upper-division course. • Attend career related workshops and meet with a career counselor.
ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Science and Society Elective	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 312: Intermediate Microeconomic Theory (SB)	3	C	• Join Handshake and research career and internship opportunities. • Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area, or select two courses from one area and a third course from a different area.
Upper Division Science and Society Elective	3	C	
Concentration Elective	3	C	
ECN Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	• Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area, or select two courses from one area and a third course from a different area. • Complete an internship to develop job-related skills and connections. • Use Handshake to research employment opportunities.
ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	
Concentration Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	• Attend a career or graduate education fair.
ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics	3	C	
POS 348: Do You Want to Build a Nation? (L)	3	C	
Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 475: Capstone in Economics (L)	3	C	• Concentration areas include U.S. Government, Politics, and Law. Select

ECN 345: Survey of Environmental and Resource Economics OR ECN 355: Economics of Healthcare OR ECN 445: Environmental Economics OR ECN 455: Health Economics	3	C
Concentration Elective	3	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

three courses from one area, or select two courses from one area and a third course from a different area.

- Finalize future educational or career plans.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Complete a minimum of three concentration electives. Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area or select two from one area and a third from a different area.

Hide Course List(s)/Track Group(s)

Politics Concentration Electives	Law Concentration Electives	U.S. Government Concentration Electives
POS 150: Comparative Government (SB & G) or POS 350: Comparative Politics (SB & G)	POS 270: American Legal System (SB)	POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	POS 313: The Congress (SB)	POS 216: State and Local Government (SB)
POS 210: Political Ideologies (SB)	POS 315: The Supreme Court (SB)	POS 230: Current Issues in National Politics (L or SB)
POS 240: Introduction to Southeast Asia ((HU or SB) & G)	POS 368: Ethics and Human Rights	POS 270: American Legal System (SB)
POS 247: Introduction to Latin American Politics (SB & G)	POS 370: Law and Society (SB)	POS 313: The Congress (SB)
POS 260: Current Issues in International Politics ((L or SB) & G)	POS 465: International Organization and Law (SB & G)	POS 314: The American Presidency (SB)
POS 300: Contemporary Global Controversies (SB & G)	POS 471: Constitutional Law I (SB)	POS 315: The Supreme Court (SB)
POS 301: Empirical Political Inquiry (SB)	POS 472: Constitutional Law II (SB)	POS 410: Governing American Cities (SB)
POS 331: Public Opinion (SB)	POS 480: Global Justice (G)	
POS 332: American Political Parties (SB)		
POS 336: Voters in America (SB)		
POS 339: Grassroots Social Movements (SB)		
POS 346: Problems of Democracy (HU)		
POS 352: European Democracies		
POS 353: Comparative Politics of the Middle East		
POS 356: European Union (SB & G)		

POS 359: African Politics and Society (SB & G)

POS 361: American Foreign Policy (SB & G)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 367: World Politics and Global Inequalities (G)

POS 417: Arizona Politics (SB)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAENGBA

FT Fast Track Option: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students
ASU 101-LA: The ASU Experience	1		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Select your career interest area and play me3@ASU.
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Join a student club or professional organization.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

Term 3 - A 27 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 211: Introduction to English Studies	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Analysis of Literature and Language Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Explore an internship
Elective	2		
Term hours subtotal:	6		

Term 4 - B 47 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Analysis of Literature and Language Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 53 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 305: Interpretive Theory	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - B 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 308: Form and History/Culture (HU)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 309: Rhetoric for Writers	3	C	• Research employment opportunities
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ Analysis of Film and Media Elective	3	C
Upper Division Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ENG 327: English Studies Research	3	C	
★ Writing Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: Upper Division Elective	6		• Apply for full-time career opportunities
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ENG 489: Scholarly Products	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Analysis of Film and Media Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Writing Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Analysis of Literature and Language Electives	Analysis of Film and Media Electives	Writing Elective

ENG 204: Topics in Contemporary Literature (HU)

ENG 221: Survey of English Literature (HU)

ENG 222: Survey of English Literature (HU & H)

ENG 229: Love and Lust in Medieval Literature

ENG 241: Literatures of the United States to 1860 ((L or HU) & C)

ENG 242: Literatures of the United States, 1860 to Present (HU)

ENG 303: Classical Backgrounds of English Literature (HU)

ENG 318: The Life and Death of Languages

ENG 319: Future of English

ENG 321: Shakespeare (L or HU)

ENG 323: Rhetoric and Grammar (L)

ENG 328: The Novel to Jane Austen (HU & H)

ENG 329: 19th-Century British Fiction

ENG 333: American Ethnic Literature

ENG 334: The American Southwest in Literature and Film ((L or HU) & C)

ENG 337: Major American Novels (L or HU)

ENG 345: Selected Authors or Issues

ENG 352: Short Story (L or HU)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

ENG 360: Western American Literature (L or HU)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 364: Women and Literature (HU)

ENG 369: Science Fiction Studies

ENG 220: Gender, Media and Culture (HU & C)

ENG 324: Horror: Film and Short Stories

ENG 336: Women, Film and Culture (SB & C)

ENG 343: Crime: Film and Short Stories

ENG 362: Film and Media Franchises or FMS 362: Film and Media Franchises

ENG 441: Introduction to Participatory Media

ENG 443: Gender, Culture and Literacy

ENG 465: Studies in Film

ENG 466: Studies in International Film ((L or HU) & G)

FMS 110: Introduction to New Media (HU)

FMS 360: Media Genres

ENG 200: Critical Reading and Writing About Literature (L or HU)

ENG 210: Introduction to Creative Writing

ENG 215: Strategies of Academic Writing (L)

ENG 216: Persuasive Writing on Public Issues (L)

ENG 217: Writing Reflective Essays (L)

ENG 287: Beginning Creative Writing Workshop in Poetry

ENG 288: Beginning Creative Writing Workshop in Fiction

ENG 301: Writing for the Professions (L)

ENG 310: Intermediate Creative Writing

ENG 311: Persuasive Writing (L)

ENG 317: Cross-Cultural Writing ((L or HU) & G)

ENG 379: Travel Writing (L)

ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice

ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice

ENG 410: Writing for Publication

ENG 386: American Gothic

ENG 400: History of Literary Criticism (L or HU)

ENG 413: History of English Language (HU)

ENG 420: Multicultural Autobiographies ((L or HU) & C)

ENG 421: Studies in Shakespeare (L or HU)

ENG 423: Renaissance Drama (L or HU)

ENG 432: The American Renaissance (HU)

ENG 436: Studies in Anglophone Literature and Culture

ENG 440: Studies in American Literature and Culture

ENG 457: Studies in American Poetry (HU)

ENG 460: Ethnic Women Writers

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 472: Rhetorical Studies (L)

ENG 477: World Literature ((L or HU) & G)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English (Creative Writing), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGCBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU.
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction	3	C	• Develop your skills
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		

Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
Term hours subtotal:	16		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 300: Your Degree in the World	1	C	• Explore an internship
ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice OR ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice	3	C	
American Literature Course - 200 Level or Above	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 487: Advanced Creative Writing Workshop in Poetry OR ENG 488: Advanced Creative Writing Workshop in Fiction	3	B	• Research employment opportunities
Upper Division Literary Study Course	3	C	
ENG Elective	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.25 GPA in Major Courses.			
Term hours subtotal:	14		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 498: Capstone Fiction (L) OR ENG 498: Capstone Poetry (L)	3	B	• Apply for full-time career opportunities
ENG Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Maintain 3.25 GPA in Major Courses.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** (400) Level Literary Studies Course	3	C	
ENG Upper Division Elective OR ENG 484: Internship	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Maintain 3.25 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

American Literature Course - 200 Level or Above
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)
ENG 242: Literatures of the United States, 1860 to Present (HU)
ENG 333: American Ethnic Literature
ENG 335: American Poetry
ENG 337: Major American Novels (L or HU)
ENG 345: Selected Authors or Issues
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ENG 359: Indigenous American Literature ((L or HU) & C)
ENG 360: Western American Literature (L or HU)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 434: Studies in the Literature and Culture of the Americas
ENG 440: Studies in American Literature and Culture
ENG 445: Studies in American Realism (L or HU)
ENG 453: Studies in the American Novel (HU)
ENG 457: Studies in American Poetry (HU)

Upper Division Literary Study Course
ENG 303: Classical Backgrounds of English Literature (HU)
ENG 315: Medieval Literature in Translation
ENG 321: Shakespeare (L or HU)
ENG 325: Restoration and the 18th Century
ENG 326: English Drama 1660-1800 (HU)
ENG 328: The Novel to Jane Austen (HU & H)
ENG 329: 19th-Century British Fiction
ENG 330: 19th-Century British Poetry
ENG 332: Studies in Race and Ethnicity in Literature and Culture
ENG 333: American Ethnic Literature
ENG 335: American Poetry
ENG 337: Major American Novels (L or HU)
ENG 338: Protest Literature
ENG 342: 20th-Century British and Irish Literature (HU)
ENG 345: Selected Authors or Issues
ENG 349: Global Literary Studies
ENG 350: Studies in Literary Histories and Traditions
ENG 352: Short Story (L or HU)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

400-Level Literary Study Course
ENG 400: History of Literary Criticism (L or HU)
ENG 401: Topics in Critical Theory
ENG 415: Studies in Medieval Literature and Culture (HU)
ENG 416: Chaucer in Middle English (HU)
ENG 418: Renaissance Literature (L or HU)
ENG 421: Studies in Shakespeare (L or HU)
ENG 422: Special Topics in Shakespeare
ENG 423: Renaissance Drama (L or HU)
ENG 424: Milton (HU)
ENG 425: Studies in Romanticism (HU)
ENG 426: British Culture and Empire
ENG 427: Studies in 18th-Century Literature and Culture (HU)
ENG 429: Politics & Culture in European Short Fiction
ENG 430: Studies in Victorian Literature and Culture (L or HU)
ENG 434: Studies in the Literature and Culture of the Americas
ENG 435: Literatures and Cultures of Immigration and Diaspora
ENG 436: Studies in Anglophone Literature and Culture
ENG 437: The American Novel, 1900 - 1960 (L or HU)
ENG 440: Studies in American Literature and Culture

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 355: European Dramatic Traditions (L or HU)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

ENG 360: Western American Literature (L or HU)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 364: Jane Austen (HU)

ENG 369: Science Fiction Studies

ENG 384: Studies in Gender and Sexuality in Literature and Culture

ENG 400: History of Literary Criticism (L or HU)

ENG 401: Topics in Critical Theory

ENG 415: Studies in Medieval Literature and Culture (HU)

ENG 416: Chaucer in Middle English (HU)

ENG 418: Renaissance Literature (L or HU)

ENG 421: Studies in Shakespeare (L or HU)

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ENG 427: Studies in 18th-Century Literature and Culture (HU)

ENG 429: Politics & Culture in European Short Fiction

ENG 430: Studies in Victorian Literature and Culture (L or HU)

ENG 434: Studies in the Literature and Culture of the Americas

ENG 435: Literatures and Cultures of Immigration and Diaspora

ENG 436: Studies in Anglophone Literature and Culture

ENG 442: Studies in 20th-Century British and Irish Literature and Culture

ENG 444: Topics for Interdisciplinary Study of Literature and Culture

ENG 445: Studies in American Realism (L or HU)

ENG 447: Experimental Narrative (HU)

ENG 448: Studies in Irish Literature and Culture

ENG 452: Studies in the Novel (HU)

ENG 453: Studies in the American Novel (HU)

ENG 455: Contemporary Women Writers

ENG 457: Studies in American Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 461: Studies in Women and Literature

ENG 465: Studies in Film

ENG 469: Science and Literature

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 479: Studies in Postmodernism (HU & G)

ENG 437: The American Novel, 1900 - 1960 (L or HU)

ENG 440: Studies in American Literature and Culture

ENG 442: Studies in 20th-Century British and Irish Literature and Culture

ENG 444: Topics for Interdisciplinary Study of Literature and Culture

ENG 445: Studies in American Realism (L or HU)

ENG 447: Experimental Narrative (HU)

ENG 448: Studies in Irish Literature and Culture

ENG 452: Studies in the Novel (HU)

ENG 453: Studies in the American Novel (HU)

ENG 455: Contemporary Women Writers

ENG 457: Studies in American Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 461: Studies in Women and Literature

ENG 465: Studies in Film

ENG 469: Science and Literature

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 479: Studies in Postmodernism (HU & G)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.25 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English (Linguistics), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGNBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU.
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 213: Introduction to the Study of Language OR SLC 201: Introduction to Linguistics (HU or SB)	3	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Maintain 2.00 GPA in Major Courses.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG Elective	3	C	• Explore an internship
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 300: Your Degree in the World	1	C	• A minimum of 23 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences.
ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar	3	C	
Course taught in a language other than English beyond the 202 level (greater than 314 for POR or ROM) OR introductory course in a third language (not English)	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar	3	C	• A minimum of 23 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. • Research employment opportunities
ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics	3	C	
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	5		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	14		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar	3	C	• A minimum of 23 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. • Apply for full-time career opportunities
ENG 413: History of English Language (HU)	3	C	
ENG Upper Division Elective OR ENG 484: Internship	3	C	
Complete 2 courses: Upper Division Elective	6		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics	3	C	• A minimum of 23 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences.
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English (Literature), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGTBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU.
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 206: Introduction to Literary Studies	3	C	
ENG 221: Survey of English Literature (HU) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	3	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Maintain 2.00 GPA in Major Courses.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 222: Survey of English Literature (HU & H) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	• Explore an internship
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 300: Your Degree in the World	1	C	
ENG 304: Critical Theories and Methods	3	C	
ENG 332: Studies in Race and Ethnicity in Literature and Culture OR ENG 384: Studies in Gender and Sexuality in Literature and Culture	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete 2 courses: Upper Division Elective	5		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 349: Global Literary Studies OR ENG 350: Studies in Literary Histories and Traditions	3	C	• Research employment opportunities
ENG Elective OR ENG 484: Internship	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 444: Topics for Interdisciplinary Study of Literature and Culture	3	C	• Apply for full-time career opportunities
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Complete 2 courses: Upper Division Elective	6	
Elective	3	
Maintain 2.00 GPA in Major Courses.		
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ ENG 491: Topics for Advanced Research	3	C	
ENG course (L) Upper Division	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English (Secondary Education), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGSEBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU.
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization. • GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the SB and H designations.
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	• Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools.
ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 213: Introduction to the Study of Language	3	C	• Meet with your advisor early in the semester to discuss enrollment in Teachers College (TEL) courses for Term 5. There may be specific steps you need to follow prior to enrolling in these courses, including verification that you have obtained an IVP fingerprint card.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
Complete 2 courses: ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	6	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 300: Your Degree in the World	1	C	• While enrolled in TEL 355, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 355: Internship: Initial	1	C	
Ethnic or Women's Literature Course	3	C	
ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	• While enrolled in TEL 366, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites. • Research employment opportunities.
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 366: Internship: Intermediate	1	C	
ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar	3	C	
ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare	3	C	
ENG 480: Methods of Teaching English: Composition (L)	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Minimum 2.25 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 482: Methods of Teaching English: Language (L)	3	C	• All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching. • While enrolled in TEL 477, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 75 hours over the semester. Reliable transportation is needed to get to school sites. • Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College Advisor to plan appropriately. • Apply for full-time career opportunities.
★ ENG 486: Teaching Text	3	C	
★ TEL 332: Disciplinary Literacy Methods	3	C	
★ TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
★ TEL 477: Internship: Advanced	2	C	
ENG 471: Literature for Young Adults (HU)	3	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 471: Professional Educator Series: The Principled Educator	1		• Student teaching requires a full-time commitment in a 6-12th grade classroom for the semester.
TEL 488: Student Teaching	11	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Ethnic or Women's Literature

- ENG 332: Studies in Race and Ethnicity in Literature and Culture
- ENG 333: American Ethnic Literature
- ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
- ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
- ENG 359: Indigenous American Literature ((L or HU) & C)
- ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
- ENG 364: Women and Literature (HU)
- ENG 384: Studies in Gender and Sexuality in Literature and Culture

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

English (Writing, Rhetorics and Literacies), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGWBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU.
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 205: Introduction to Writing, Rhetorics and Literacies (L)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		

Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Maintain 2.00 GPA in Major Courses.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG Elective	3	C	• Explore an internship
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ENG 300: Your Degree in the World	1	C	• At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences. • ENG electives must be taken at the 200 level or above.
Complete 2 courses: ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory (HU) OR ENG 393: Theories of Literacy	6	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete 2 courses: Upper Division Elective	5		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory (HU) OR ENG 393: Theories of Literacy	6	C	• At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences. • Research employment opportunities.
Upper Division Directed Elective	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Directed Elective	6	C	• At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.
ENG Elective	3	C	
Complete 2 courses: Upper Division Elective	6		

Maintain 2.00 GPA in Major Courses.			
	Term hours subtotal:	15	

- The required ENG 484 internship may be taken in either term 7 or term 8.
- ENG electives must be taken at the 200 level or above.
- Apply for full-time career opportunities

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 484: Internship	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

- At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.
- The required ENG 484 internship may be taken in either term 7 or term 8.

Hide Course List(s)/Track Group(s)

Directed Electives
ENG 301: Writing for the Professions (L)
ENG 311: Persuasive Writing (L)
ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 338: Protest Literature
ENG 370: Science, Values, and the Public
ENG 371: Rhetoric of the Environmental Movement
ENG 409: Analyzing Rhetoric
ENG 419: Writing for Podcasts
ENG 472: Rhetorical Studies (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120 **General University Requirements Legend**

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Family and Human Development, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAFASBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FAS 101: Personal Growth and Relationships (SB) OR CDE 232: Human Development (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select a career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FAS 201: Careers in Family and Human Development	1	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FAS 101: Personal Growth and Relationships (SB) OR CDE 232: Human Development (SB)	3	C	• Build your professional connections -- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	
CDE OR FAS Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FAS 290: Introduction to Social Science Research	3	C	• Explore an internship.
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
FAS 331: Modern Family Relationships (SB)	3	C	
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CDE 312: Adolescence (SB) OR CDE 414: The School-Aged Child: Development in the Elementary Years OR CDE 418: Aging and the Life Course (SB & H) OR CDE 430: Infant and Toddler Development in the Family (SB)	3	C	• Research employment opportunities. • Select Upper Division CDE or FAS Electives from the course list provided below. • A maximum of six credits combined of FAS 390, FAS 484 and FAS 499 may apply to major electives.
Upper Division CDE or FAS Elective	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Elective OR FAS 484: Internship	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CDE 450: Childhood Disorders and Family Functioning (L) OR FAS 361: Applied Research Methods (L or SB) OR FAS 435: Advanced Topics in Modern Family Relationships (L or SB)	3	C	• Gather professional references.
Upper Division CDE or FAS Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division CDE or FAS Elective	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Elective	6		

Complete 2 courses: Elective	5
Term hours subtotal:	14

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

CDE Electives	FAS Electives	Related Area Courses
CDE 312: Adolescence (SB)	FAS 301: Introduction to Parenting	CAP OR COM OR ECS OR NLM OR PRM OR PSY OR SHS OR SOC OR SPE OR SWU Elective
CDE 337: Early Childhood Intervention	FAS 324: Sociology of Work and Organizations (SB & H)	
CDE 338: Child Development Practicum	FAS 332: Human Sexuality (SB)	
CDE 414: The School-Aged Child: Development in the Elementary Years	FAS 390: Supervised Research Experience	
CDE 418: Aging and the Life Course (SB & H)	FAS 410: Military Family Systems in a Democracy	
CDE 430: Infant and Toddler Development in the Family (SB)	FAS 435: Advanced Topics in Modern Family Relationships (L or SB)	
CDE 450: Childhood Disorders and Family Functioning (L)	FAS 440: Fundamentals of Marriage and Family Therapy	
CDE 469: Multivariate Statistics for Social Sciences	FAS 484: Internship	
CDE 498: Pro-Seminar	FAS 498: Pro-Seminar	
CDE 499: Individualized Instruction	FAS 499: Individualized Instruction	

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Family and Human Development, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAFASBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR FAS 101: Personal Growth and Relationships (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students • Select a career interest area and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
FAS 201: Careers in Family and Human Development	1	C	• View ASU Online first-year student registration information here.
Related Area Course	3	C	
Elective	3		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR FAS 101: Personal Growth and Relationships (SB)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 20 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• This degree requires completion of MAT 142 with a grade of C or better. Transfer students who have not completed a math course directly equivalent to an ASU course meeting the requirement will be required to take an additional math course. • Build your professional connections -- join the ASU Mentor Network.
Related Area Course	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

		Minimum	

Term 3 - A 26 - 33 Credit Hours	Hours	Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FAS 290: Introduction to Social Science Research	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 52 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your skills
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 52 - 58 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
FAS 331: Modern Family Relationships (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
CDE OR FAS Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 64 - 70 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division FAS or CDE Elective	3	C	• Select Upper Division CDE or FAS Electives from the course list provided below. • A maximum of six credits combined of FAS 390, FAS 484 and FAS 499 may apply to major electives.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• Research employment opportunities
Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CDE 312: Adolescence (SB) OR CDE 414: The School-Aged Child: Development in the Elementary Years OR CDE 418: Aging and the Life Course (SB & H) OR CDE 430: Infant and Toddler Development in the Family (SB)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 82 - 88 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FAS 361: Applied Research Methods (L or SB) OR FAS 435: Advanced Topics in Modern Family Relationships (L or SB) OR CDE 450: Childhood Disorders and Family Functioning (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Gather professional references
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division FAS or CDE Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - A 112 - 118 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division FAS or CDE Elective	3	C	• Apply for full-time career opportunities
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 118 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	2		
Term hours subtotal:	2		

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Hide Course List(s)/Track Group(s)

CDE Electives	FAS Electives	Related Area Courses
CDE 312: Adolescence (SB)	FAS 301: Introduction to Parenting	CAP OR COM OR ECS OR NLM OR PRM OR PSY OR SHS OR SOC OR SPE OR SWU Elective
CDE 414: The School-Aged Child: Development in the Elementary Years	FAS 324: Sociology of Work and Organizations (SB & H)	
CDE 418: Aging and the Life Course (SB & H)	FAS 332: Human Sexuality (SB)	
CDE 430: Infant and Toddler Development in the Family (SB)	FAS 390: Supervised Research Experience	
CDE 450: Childhood Disorders and Family Functioning (L)	FAS 435: Advanced Topics in Modern Family Relationships (L or SB)	
CDE 469: Multivariate Statistics for Social Sciences	FAS 440: Fundamentals of Marriage and Family Therapy	
CDE 498: Pro-Seminar	FAS 484: Internship	
	FAS 498: Pro-Seminar	
	FAS 499: Individualized Instruction	

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Film (Film and Media Studies), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAFMSBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMS 100: Introduction to Film and Media Studies (HU)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMS 200: Film and Media History ((L or HU) & H)	3	C	• Join a student club or professional organization
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	14

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMS OR FMP Elective	3	C	• Explore an internship
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	
Complete 2 courses: Directed Electives	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	• Research employment opportunities
Directed Electives	3	C	
Complete 3 courses: Upper Division Elective	9		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	• Apply for full-time career opportunities
Directed Electives	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Directed Electives	3	C	
FMS OR FMP Upper Division Elective OR FMS 484: Internship	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Directed Electives
FMS 209: Screenwriting Fundamentals
FMS 302: U.S. Media Industries
FMS 340: Contemporary American Film and Popular Culture (HU)
FMS 360: Media Genres
FMS 362: Film and Media Franchises
FMS 374: Film and Media Visionaries
FMS 461: Film Theory and Criticism
FMS 474: Women and Power in Media

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Film (Film and Media Studies), BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAFMSBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMS 100: Introduction to Film and Media Studies (HU)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • View ASU Online first-year student registration information here. • Select your career interest area and play me3@ASU.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - A 14 - 21 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Join a student club or professional organization
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	7		

Term 2 - B 21 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMS 200: Film and Media History ((L or HU) & H)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 28 - 35 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 3 - B 35 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Contact Career and Professional Development Services and schedule an appointment with a career advisor for assistance with career planning and networking.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 41 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FMS OR FMP Elective	3	C	• Explore an internship
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	6		

Term 5 - A 53 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	
Directed Electives	3	C	
Term hours subtotal:	6		

Term 5 - B 59 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Directed Electives	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - A 66 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	• Research employment opportunities
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	
Upper Division Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Directed Electives	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Directed Electives	3	C	• Create or update your resume.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Use Handshake to research employment opportunities.
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FMS OR FMP Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Apply for full-time career opportunities.
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Directed Electives	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Directed Electives

FMS 209: Screenwriting Fundamentals

FMS 340: Contemporary American Film and Popular Culture (HU)

FMS 360: Media Genres

FMS 362: Film and Media Franchises

FMS 374: Film and Media Visionaries

FMS 461: Film Theory and Criticism

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

French, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAFREBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a placement test. • Learn about French Language Intensive Courses. • Students may opt to take FRE 110 Intensive French I (equivalent to FRE 101 and FRE 102) in term 1. This course is offered in the Fall semester. • Engage in French at ASU.
FRE 101: Elementary French I (G)	4	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Start planning your study abroad experience. Learn about faculty-directed summer programs in Lyon, France. Attend a Financing Your Study Abroad Program Workshop. • Activate your Handshake account and build out your profile. • Students may opt to take FRE 210 Intensive French II (equivalent to FRE 201 and FRE 202) in term 2. This course is offered in Spring only.
FRE 102: Elementary French II (G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
FRE 201: Intermediate French I (G)	4	C	• Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors. • French offers a huge advantage if you are interested in working for the Peace Corps.
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	5		

Complete Mathematics (MA) requirement.		
Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• Meet with a School of International Letters and Cultures academic advisor to learn which semester or academic year study abroad program works best with your major.
FRE 202: Intermediate French II (G)	4	C	
Upper Division Related Area Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FRE 305: Readings in French Literature (G)	3	C	• Enroll in listed courses or meet with your academic advisor about participating in an International Letters and Cultures endorsed study abroad program for your major. • Find out about research opportunities with the Humanities Lab at ASU.
FRE 311: Oral and Written Expression I (G)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FRE 312: Oral and Written Expression II (G)	3	C	• Learn about national scholarships, fellowships, and research opportunities. • Secure a part-time job or volunteer experience. • Use Handshake to research employment opportunities.
FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU)	3	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU)	3	C	• Enroll in listed courses or meet with your academic advisor about participating in an International Letters and Cultures recommended study abroad program for your major.
Complete 2 courses: FRE 4** Elective	6	C	
Upper Division Elective OR FRE 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
FRE 4** Elective	3	C	• Attend an ASU Career Services workshop or Job Fair.
FRE Upper Division Elective	3	C	

Complete 2 courses: Upper Division Elective		6
Elective		3
	Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Related Area Course
ARS 310: The Renaissance in Tuscany
ARS 414: Monasteries, Madonnas and Manuscripts (HU & H)
ARS 424: Italian Baroque Art (HU & H)
ARS 438: Art of the 20th Century I (HU & H)
ARS 439: Art of the 20th Century II (HU & H)
COM 371: Language, Culture, and Communication (SB & C & G)
FMP 404: World Cinema (G)
GCU 325: Geography of Europe (SB & G)
GCU 359: Cities of the World I (SB & G & H)
HST 349: Early Middle Ages ((HU or SB) & H)
HST 350: Later Middle Ages ((HU or SB) & H)
HST 351: Renaissance Europe ((L or HU or SB) & H)
HST 352: Europe's Reformations ((L or HU or SB) & H)
HST 356: Europe since 1945 (SB & G & H)
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)
HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)
HST 362: Sex and Society in Classical and Medieval Europe (SB & H)
HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)
HST 364: Sex and Society in Modern Europe ((L or SB) & H)
HST 365: World Wars I and II: Europe's Eastern Front
HST 368: Culture and Imagination in European History (HU & H)

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy

POS 356: European Union (SB & G)

POS 360: World Politics (SB & G)

POS 486: International Political Economy (SB & G)

REL 372: Formation of the Christian Tradition (HU & H)

REL 385: Contemporary Western Religious Thought (HU)

REL 470: Religion in the Middle Ages (HU & H)

REL 471: Reformation and Modern Christianity (HU & H)

SGS 360: Cultural Aspects of Globalization

SLC 340: Approaches to International Cinema (HU & G)

SLC 373: Roman History I: Foundations and Republic

SLC 374: Roman History II: The Roman Empire

SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)

SLC 429: Studies in European Literature and Culture

SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)

SLC 445: The Holocaust in German-Mediated Memory

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

SLC 455: Berlin: Migration, Arts and Activism (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Gender, Women and Sexuality Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAWSTBA

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WST 100: Women, Gender, and Society (SB & C)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Activate your Handshake account and build out your profile.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Women and Gender Studies Related Area Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WST Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU)	3	
Literacy and Critical Inquiry (L)	3	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G)	3	C	• Explore an internship
Upper Division Women and Gender Studies Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST 380: Race, Gender, and Class (SB & C)	3	C	• Develop your professional online presence
WST Upper Division Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	
Complete 2 courses: WST Upper Division Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST 4** Elective OR WST 484: Internship	3	C	• WST 484: Internship preferred for Tempe campus students. • WST 484 requires departmental approval for enrollment. • Gather professional references.
Upper Division Women and Gender Studies Related Area Course	3	C	
WST Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST 498: Pro-Seminar (L)	3	C	
Upper Division Women and Gender Studies Related Area Course	3	C	

Upper Division Elective		3
Complete 2 courses: Elective		6
	Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Women and Gender Studies Related Area Courses

- AFR 375: Race, Gender and Sport (SB & C)
- AFR 460: Race, Gender, and Media (C) or MCO 460: Race, Gender, and Media (C)
- APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
- ARB 341: Quran Text and Women (HU & H)
- ARS 485: Women in the Visual Arts (L)
- ASB 210: Human Sexuality: Anthropological Perspectives (SB & G)
- ASB 211: Women in Other Cultures ((HU or SB) & G)
- COM 316: Gender and Communication (SB & C)
- COM 416: Gender and Race in the Media
- COM 446: Performance of Literature Written by Women ((L or HU) & C)
- CRJ 305: Gender, Crime, and Criminal Justice (C)
- ENG 364: Women and Literature (HU)
- ENG 454: Gender and Literature (L or HU)
- ENG 455: Contemporary Women Writers
- ENG 460: Ethnic Women Writers
- ENG 461: Studies in Women and Literature
- ENG 462: Africana Literature (HU & G)
- FAS 331: Modern Family Relationships (SB)
- FAS 332: Human Sexuality (SB)
- FAS 436: Sexuality in Mid-Life and Beyond
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

HST 329: Women in 20th-Century U.S. West (H & C)

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

IAP 310: Women in Art

JUS 329: Domestic Violence (SB)

JUS 420: Women, Work, and Justice ((L or SB) & C)

JUS 422: Women, Law, and Social Control

JUS 460: Feminism and Justice (C)

KIN 441: Physiology of Women in Sport (L)

LSC 363: Genes, Race, Gender, and Society (L)

MUS 410: History of Women in Music (HU & C & H)

POS 435: Women and Politics (SB & C)

POS 436: Gender, Sexuality, Nation-States

POS 437: Women, Power, and Politics (G)

PSY 369: Biology of Human Sexuality

PSY 385: Psychology of Gender (SB)

PUP 445: Women and Environments (C)

REL 369: Women in Islam

REL 390: Women, Gender and Religion (HU & G)

REL 393: Religion and Sex (HU)

SOC 264: Sociology of Gender (SB & C)

SOC 315: Sociology of Dating, Relationships and Marriage (SB)

SOC 424: Women and Health (SB)

WST Upper Division Elective

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Gender, Women and Sexuality Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAWSTBA

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WST 100: Women, Gender, and Society (SB & C)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile.
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Women and Gender Studies Related Area Course	3	C
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

Term 3 - A 30 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WST Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 51 - 60 Credit Hours	Hours	Minimum Grade	Notes
WST Upper Division Elective	3	C	• Explore an internship.
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	9		

Term 5 - A 60 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST 380: Race, Gender, and Class (SB & C)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 67 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST Upper Division Elective	3	C	• Develop your professional online presence
Upper Division Women and Gender Studies Related Area Course	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 6 - A 76 - 82 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 82 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	
Upper Division Elective	3		
Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	8		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST 4** Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	• Gather professional references
WST Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WST 498: Pro-Seminar (L)	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Women and Gender Studies Related Area Course

AFR 375: Race, Gender and Sport (SB & C)

AFR 460: Race, Gender, and Media (C) or MCO 460: Race, Gender, and Media (C)

APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)

ARS 485: Women in the Visual Arts (L)

COM 316: Gender and Communication (SB & C)

CRJ 305: Gender, Crime, and Criminal Justice (C)

ENG 460: Ethnic Women Writers

FAS 331: Modern Family Relationships (SB)

FAS 332: Human Sexuality (SB)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

JUS 329: Domestic Violence (SB)

POS 435: Women and Politics (SB & C)

PSY 385: Psychology of Gender (SB)

REL 390: Women, Gender and Religion (HU & G)

SOC 264: Sociology of Gender (SB & C)

SOC 315: Sociology of Dating, Relationships and Marriage (SB)

SOC 424: Women and Health (SB)

WST Upper Division Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Geographic Information Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGISBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students will select two Related Area courses from the list of subject areas below. • Play me3@asu.edu and select your area of career interest.
Mathematics (MA)	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Related Area Course	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Students will select two Related Area courses from the list of subject areas below. • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
GIS 205: Geographic Information Science I (CS)	3	C	
MAT 170: Precalculus (MA)	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 211: Geographic Information Science II (CS)	4	C	• For a full list of Science and Society courses, go here.
GIS 270: Statistics for Geography and Planning	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		

Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 222: Programming Principles in GIS I	3	C	• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking. • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here.
GIS 311: Geographic Information Science III (CS)	4	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIS 322: Programming Principles in GIS II	3	C	• Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here. • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. • Students interested in pursuing an accelerated master's degree in urban and environmental planning should initiate contact with graduate advising.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIS 470: Advanced Statistics for Geography and Planning (CS)	3		• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. • Develop your professional online presence.
GIS Upper Division Elective	3	C	
Upper Division Elective OR GIS 484: Internship	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIS Upper Division Elective	3	C	• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		

Elective	4	
Term hours subtotal:	16	

- For more information on the Science and Society requirement, visit this webpage.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division GIS Applied Experience Course	3	C	
★ GIS Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	5		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

GIS Applied Experience Courses	Related Area Courses
GIS 484: Internship	CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP Elective
GIS 498: Pro-Seminar	
GIS 499: Individualized Instruction	
GPH 492: Honors Directed Study	
GPH 493: Honors Thesis (L)	

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Geographic Information Science, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAGISBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@asu.edu. • Set up your Handshake account.
Mathematics (MA)	3	C	
ASU 101-LA: The ASU Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 205: Geographic Information Science I (CS)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 222: Programming Principles in GIS I	3	C	

Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		• >Set up your Handshake account.
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Network in your career interest area.
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 211: Geographic Information Science II (CS)	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. More information on internships is available here.
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIS 270: Statistics for Geography and Planning	3	C	• For a full list of Science and Society courses, go here.
Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 64 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIS 311: Geographic Information Science III (CS)	4	C	• Develop your professional online presence.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 6 - A 64 - 70 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	2		
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIS 322: Programming Principles in GIS II	3	C	• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on graduate programs
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

offered through ASU's School of Geographical Sciences and Urban Planning is available here.

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS 470: Advanced Statistics for Geography and Planning (CS)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 82 - 90 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking. • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here.
Complete 2 courses: Elective	5		
Term hours subtotal:	8		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	• Complete an in person or virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	• Make sure to review SGSUP's Career Development Resources.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	• For more information about the Science and Society requirement, visit this webpage. • Students planning to enter the job market should apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division GIS Applied Experience Course	3	C	
Elective	3		

Term hours subtotal: 6

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

GIS Applied Experience Courses	Related Area Courses
GIS 484: Internship	CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP Elective
GIS 498: Pro-Seminar	
GIS 499: Individualized Instruction	
GPH 492: Honors Directed Study	
GPH 493: Honors Thesis (L)	

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Geography, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGCUBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Set up your Handshake account, play me3@ASU and select your career interest area.
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	2		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

		Minimum	

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking.
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C	• Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GCU OR GIS OR GPH Upper Division Elective	3	C	• Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. • Students interested in pursuing an accelerated master's degree in geography or urban and environmental planning should initiate contact with graduate advising.
Related Area Course	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GCU Upper Division Elective OR GCU 484: Internship	3	C	• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate
Related Area Course	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

programs offered through the School of Geographical Sciences and Urban Planning is available here.

- Use Handshake to research employment opportunities.

Term 7 91 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.
GCU Upper Division Elective OR GCU 484: Internship	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	2		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU 496: Geographic Research Methods (L)	3	C	
GCU OR GIS OR GPH Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Related Area Courses
ASB OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Geography, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAGCUBA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• Selection of general studies courses will be determined by elective courses taken that can also be used toward the major. • View ASU Online first-year student registration information here. • Set up your Handshake account, play me3@asu and select your career interest area.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking.
Elective	3		
Term hours subtotal:	6		

Term 3 - B 31 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 37 - 44 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Create your professional online presence on LinkedIn.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 5 - A 51 - 58 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 5 - B 58 - 65 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here.
Elective	3		
Term hours subtotal:	7		

Term 6 - A 65 - 72 Credit Hours Necessary course signified by		Minimum	

	Hours	Grade	Notes
GCU Upper Division Elective	3	C	• Students interested in continuing to graduate study following the completion of the bachelors program should start investigating potential graduate programs including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	2		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GCU Upper Division Elective	3	C	• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		• Network in your career interest area.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GCU OR GIS OR GPH Upper Division Elective	3	C	• Use Handshake to research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GCU OR GIS OR GPH Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

		Minimum	

Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	• Make sure to review SGSUP's Career Development Resources.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU 496: Geographic Research Methods (L)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Related Area Courses

ASB OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Geography, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGCUBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@ASU. • Set up your Handshake account.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C	• For a full list of Science and Society courses, go here.
Science and Society Elective	3	C	

Complete 3 courses: Elective	9	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 270: Statistics for Geography and Planning	3	C	• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking. • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here.
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GCU OR GIS OR GPH Upper Division Elective	3	C	• Students interested in conducting supervised research should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in SGSUP is available here. • For more information on the Science and Society requirement, go here. • Students interested in pursuing an accelerated master's degree in geography or urban and environmental planning should initiate contact with graduate advising.
Upper Division Science and Society Elective	3	C	
Related Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GIS Upper Division Elective	3	C	• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. • Use Handshake to research employment opportunities.
Related Area Course	3	C	
GPH Upper Division Elective OR GPH 484: Internship	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GPH Upper Division Elective OR GPH 484: Internship	3	C	• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 3 courses: Upper Division Elective	9		

Term hours subtotal:	15

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU 496: Geographic Research Methods (L)	3	C	
GCU OR GIS OR GPH Upper Division Elective	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	5		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Course
ASM OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Geography, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAGCUBS

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• View ASU Online first-year student registration information here. • Set up your Handshake account, play me3@asu and select your career interest area.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C
Elective	3	
Term hours subtotal:	7	

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• For a full list of Science and Society courses, go here.
Social-Behavioral Sciences (SB)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Create your online professional presence on LinkedIn.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 270: Statistics for Geography and Planning	3	C	
Elective	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GCU OR GIS OR GPH Upper Division Elective	3	C	• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GPH Upper Division Elective	3	C	• Students interested in continuing to graduate study following the completion of the bachelors program should start investigating potential graduate programs, including admissions
Elective	3		
Term hours subtotal:	6		

requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
GIS Upper Division Elective	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GPH Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	• For more information about the Science and Society requirement, go here.
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Network in your career interest area.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Related Area Course	3	C	• Use Handshake to research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Make sure to review SGSUP's Career Development Resources.
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

GCU 496: Geographic Research Methods (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses
ASM OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Geography (Meteorology-Climatology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGCUMBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. GPH 191 is also recommended. • Set up your Handshake account, play me3 and select your career area of interest. • Contact an academic advisor to add the Atmospheric Sciences certificate in order to obtain National Weather Service certification. • MAT 270 is the first required math course for this major. If a student does not qualify for MAT 270 enrollment, they should enroll in the prerequisite MAT 170 in Term 1. Please contact an advisor if you have questions.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. • GPH 213 is recommended for the Science and Society requirement. For a full list of Science and Society courses, go here.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
			• GPH 212 and GPH 214 are offered every Fall semester. If your Term 3 is in a

GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C
GPH 212: Introduction to Meteorology (SQ)	3	C
GPH 214: Introduction to Meteorology Laboratory (SQ)	1	C
MAT 271: Calculus with Analytic Geometry II (MA)	4	C
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Spring semester, make sure to take GPH 212/214 in Term 2 or Term 4.

- Students should meet with their academic advisor to discuss the requirements to obtain National Weather Service certification.

Term 4 45 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking.
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
GIS 270: Statistics for Geography and Planning	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		

Term 5 59 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GPH 409: Synoptic Meteorology I	4	C	• GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course) • Students interested in completing an internship should start investigating internship opportunities. Information on internships is available here. • Students interested in conducting supervised research should initiate contact with faculty members who perform research in their content area of interest. More information is available here. • For more information on the Science and Society requirement, go here. • Students interested in pursuing an accelerated master's degree in geography or urban and environmental planning should contact graduate advising.
Upper Division Science and Society Elective	3	C	
GIS Upper Division Elective	3	C	
Elective	4		
Term hours subtotal:	14		

Term 6 73 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GPH 410: Synoptic Meteorology II	4	C	• GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course).
GPH 412: Physical Meteorology	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		

Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	16	

- GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course).
- Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.

Term 7 89 - 104 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
GPH 474: Dynamic Meteorology I	3	C	
Upper Division Elective OR GCU 484: Internship OR GIS 484: Internship OR GPH 484: Internship	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

- GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course).
- Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.
- Students should verify with their academic advisor that they will meet all requirements necessary to obtain National Weather Service certification after graduation.

Term 8 104 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
GCU 496: Geographic Research Methods (L)	3	C	
GPH 475: Dynamic Meteorology II	3	C	
Complete 2 courses: Upper Division Elective	7		
Elective	3		
Term hours subtotal:	16		

- GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course).

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

German, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGERBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement test. • In term 1, students may opt to take GER 110, a six credit German intensive language course equivalent to GER 101 and GER 102. • Engage in German at ASU. Practice your language skills at the SILC Cafe.
GER 101: Elementary German I (G)	4	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Start planning your study abroad experience. Learn about the ASU study abroad faculty-directed summer program in Regensburg, Germany offered through the School of International Letters and Cultures and the ASU Global Education Office. • Attend an ASU study abroad Financing Your Global Education Program Workshop . • In term 2, students may opt to take GER 210, a six credit German intensive language course, equivalent to GER 201 and GER 202.
GER 102: Elementary German II (G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GER 201: Intermediate German I (G)	4	C	• Explore your career interest areas. • Learn about research opportunities through the ASU Humanities Lab.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		

Complete 2 courses: Elective	6	
Complete Mathematics (MA) requirement.		
Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3		• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Learn about national scholarships, fellowships, and research opportunities.
GER 202: Intermediate German II (G)	4	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GER 312: Explore German Culture (G)	3	C	• Enroll in listed courses or in an ASU study abroad, School of International Letters and Cultures endorsed semester or academic year exchange program abroad in Germany at University of Heidelberg or University of Regensburg or University of Tuebingen. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Learn about internships, scholarships and awards for language majors.
GER 310: Making Sense of German Grammar (G) OR GER 311: Express Yourself in German (G) OR GER 313: Create in German: Writing, Speaking, Performing (G) OR GER 319: Work with German (G)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GER 310: Making Sense of German Grammar (G) OR GER 311: Express Yourself in German (G) OR GER 313: Create in German: Writing, Speaking, Performing (G) OR GER 319: Work with German (G)	3	C	• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Use Handshake to research employment opportunities.
Complete 2 courses: Upper Division German Elective	6	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR GER 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division German Elective	6	C	• Learn about ways to build your skills.
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

		Minimum	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ GER 420: Discover - Discuss - Design: German Language and Culture (L or HU)	3	C	• Attend an ASU Career Services workshop or Job Fair.
★ Upper Division German Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division German Elective

- GER 310: Making Sense of German Grammar (G)
- GER 311: Express Yourself in German (G)
- GER 313: Create in German: Writing, Speaking, Performing (G)
- GER 319: Work with German (G)
- GER 394: Special Topics
- GER 431: German Humor
- GER 441: Fairy Tales (HU & G)
- GER 445: The Holocaust in German-Mediated Memory
- GER 446: Weimar-Era German Film
- GER 447: German Modernism
- GER 455: Berlin: Migration, Arts and Activism (G)
- GER 492: Honors Directed Study
- GER 493: Honors Thesis (L)
- GER 494: Special Topics
- GER 499: Individualized Instruction

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Global Health, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASSHBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 100: Introduction to Global Health (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASB 191 satisfies this requirement. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas	3-4	C	• Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR ASM 494: Bayesian Statistics in Theory and Practice OR HCD 300: Biostatistics (CS) OR PBH 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	• Secure a part-time job or volunteer experience. • Develop your skills.

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ)	4	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Second language requirement must be completed by term 4. • All global health majors are required to go on a study abroad program either the summer after term 4, or the summer after term 6. The six hours in term Summer 4 reflect the six hours that must be completed abroad through the School of Human Evolution and Social Change. Please see academic advisor for study abroad program options. • Explore an internship.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	16		

Summer 4 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	6	C	
Term hours subtotal:	6		

Term 5 66 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Global Health Core Course	3	C	• Develop your professional online presence.
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 81 - 96 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Global Health Core Course	3	C	• Research employment opportunities. • Complete an in person or virtual practice interview.
Global Health Elective in Related Areas	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 96 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Global Health Core Course	3	C	• Study abroad requirement must be completed by term 7.
Complete 3 courses:			

Upper Division Elective	9	
Term hours subtotal:	12	

- Gather professional references.
- Apply for full-time career opportunities.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Practicum	3	C	
Global Health Elective in Related Areas	3	C	
Upper Division Elective OR ASB 484: Internship	3	C	
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Global Health Core
AFR 383: Blacks in Science, Medicine and Public Health
ASB 300: Food and Culture ((L or SB) & C)
ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)
ASB 305: Poverty and Global Health ((L or SB) & G)
ASB 316: Money and Culture (L or SB)
ASB 327: Disaster! ((L or SB) & C)
ASB 355: Traditional Medicine and Healing (HU or SB)
ASB 357: Society, Drugs and Health (SB & G)
ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB)
ASB 376: Global Health Policy
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) or TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
ASB 457: Global Mental Health ((L or SB) & G)
ASB 462: Medical Anthropology: Culture and Health (SB & C)
ASM 345: Disease and Human Evolution
ASM 401: Health and Human Biology
ASM 403: Evolutionary Medicine and Global Health

Global Health Elective in Related Areas
ABS 394: Food and Human Health
ASB 102: Introduction to Cultural Anthropology (SB & G)
ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C)
ASB 210: Human Sexuality: Anthropological Perspectives (SB & G)
ASB 211: Women in Other Cultures ((HU or SB) & G)
ASB 220: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C)
ASB 250: Introduction to Evolution and Medicine (SB & G)
ASB 272: Economic Justice (SB)
ASB 275: Culture, Language and Learning (SB & C)
ASB 294: Building Babies
ASB 294: Identity, Culture and Conflict
ASB 322: Peoples of Latin America ((L or SB) & G)
ASB 325: Peoples of Southeast Asia (G)
ASB 343: Latinas/os and the Environment
ASB 345: Culture and Society Transformation (SB & G)
ASB 348: The Borders of Language (L)
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)

Global Health Elective in Related Areas continued
BIO 494: Obesity:Physiology to pathophysiology to treatment
BIO 494: Solutions in Vaccine Design for Global Health
ENG 203: Introduction to Health Humanities (HU)
ENG 394: Interdisciplinary Health Humanities
HCD 201: Economics for Health Majors
HCR 230: Culture and Health (C & G)
HSC 310: Health Communication
HST 312: History of Women in Science and Medicine (HU or SB)
IDS 355: Peace Corps Seminar (G)
JUS 350: Immigration and Justice (SB & C)
JUS 352: The Global Politics of Human Rights (SB & G)
JUS 370: Cultural Diversity and Justice ((L or HU) & C)
JUS 374: The Holocaust, Genocide, and Human Rights
JUS 394: Health Disparities & Inequalities
JUS 394: Human Rights
MIC 498: HIV/AIDS Prevention Education in Africa
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability
POS 300: Contemporary Global Controversies (SB & G)

ASM 456: Infectious Disease and Human Evolution

HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

HST 304: Black Death:Pandemic Disease in the Medieval World

MIC 314: HIV/AIDS: Science, Behavior, and Society

SGS 340: Violence, Conflict and Human Rights

SGS 350: Economic Development and Globalization

SOC 424: Women and Health (SB)

SOC 427: Sociology of Health and Illness (SB)

SOC 448: Epidemics and Society (SB & G)

TCL 323: Latina/o Health Issues (SB & C)

TCL 326: Health of Chicanas and Latinas (SB & C)

TCL 327: Health and Migration (SB)

TCL 410: Race, Medicine, and the Body (L) or SOC 410: Race, Medicine, and the Body (L)

TCL 447: Gender, Culture, and Development ((L or SB) & G) or SGS 454: Gender, Culture, and Development ((L or SB) & G) or SOS 447: Gender, Culture, and Development ((L or SB) & G) or WST 447: Gender, Culture, and Development ((L or SB) & G)

WST 360: Women as Healers (SB & G)

WST 365: Women and International Health (G)

WST 380: Race, Gender, and Class (SB & C) or AMS 380: Race, Gender, and Class (SB & C) or ETH 380: Race, Gender, and Class (SB & C)

WST 440: Politics of Women's Health (SB & C)

WST 444: Gender, Health, and Bodies (SB)

Global Health Practicum

ASB 395: Topics in Comparative Culture (SB & G)

ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB)

ASB 362: People and Plants

ASB 363: From Cells to Society: Understanding Complexity

ASB 371: Language Hegemony and Culture

ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)

ASB 380: Language, Culture and Gender (SB)

ASB 408: Advanced Evolutionary Medicine

ASB 448: Maternal and Child Health

ASB 463: Political Ecology of the Border (SB & G)

ASB 466: Peoples and Cultures of Africa (SB & G)

ASB 494: Applied Epidemiology

ASB 494: Ethnography of Schooling in the Borderlands

ASB 494: Facing Immigration

ASB 494: Reproductive Ecology

ASM 104: Bones, Stones, and Human Evolution (SB or SG)

ASM 201: Epidemics and Outbreaks

ASM 246: Human Origins (SB)

ASM 275: Forensic Anthropology (SB or SG)

ASM 342: Evolution of Human Behavior

ASM 403: Evolutionary Medicine and Global Health

ASM 494: Evolution and Mental Disorders

POS 367: World Politics and Global Inequalities (G)

POS 368: Ethics and Human Rights

POS 480: Global Justice (G)

PSY 394: Child Development & Global Health

SGS 303: Global Trends (SB & G)

SGS 304: Foundations of Cross-Cultural Awareness

SGS 341: Humanitarian Crisis and International Intervention

SGS 360: Cultural Aspects of Globalization

SGS 394: Global Problems and Debates

SGS 394: Peace/Conflict/Human Rights

SGS 394: Politics of Global Justice

SOC 352: Social Change (SB & G & H)

SOC 418: Aging and the Life Course (SB & H)

SOC 426: Social Inequalities (SB)

SOC 448: Epidemics and Society (SB & G)

WST 394: Fast Food Nation

WST 460: Women and the Body (SB & C)

WST 471: Women's International Human Rights

ASB 455: Practicum for Social Sciences (SB)
ASB 484: Internship
ASB 494: Access, Equity and Inclusion in Higher Education
ASB 494: Research Practicum II
ASB 499: Individualized Instruction
ASM 414: Environmental Health (SB)
POS 464: Border Cities: Action Research on Globalization (SB & G)
TCL 321: Transborder Community Development and Health or SOC 320: Transborder Community Development and Health

Notes:

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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Global Health, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LASSHBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 100: Introduction to Global Health (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas	3-4	C	• Create a first draft resume. • View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6-7		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• ASU Language Placement: Only those students with no experience with the language may take a 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned. • Students who choose to complete ASM 104 in term 2-A only need two elective credit hours in term 5-B. • Build your professional connections -- join the ASU Mentor Network.
Elective	2		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Join a student club or professional organization.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Develop your skills.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 3 - B 33 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 40 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	• Explore an internship.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 4 - B 46 - 53 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - A 53 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	6	C	• All global health online majors are strongly encouraged to go on a summer study abroad program to fulfill major requirements. The six hours in term Term 5-A reflect the six hours that must be completed abroad, or with two additional Global Health core courses through the School of Human Evolution and Social Change. Please contact your academic advisor for travel dates and options, or to inquire about petitioning for a substitution. • For more information about planning and paying for your study abroad program, please go here.
Term hours subtotal:	6		

Term 5 - B 59 - 66 Credit Hours	Hours	Minimum Grade	Notes

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		• Students who choose to complete ASM 104 in term 2-A need only complete two elective hours in term 5-B. • Develop your professional online presence.
Elective	3-2		
Term hours subtotal:	7-6		

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Core Course	3	C	• Complete an in person or virtual practice interview.
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Core Course	3	C	• Research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Core Course	3	C	• Secure a part-time job or volunteer experience.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Practicum	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Global Health Elective in Related Areas	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Apply for full-time career opportunities.

Term hours subtotal:	6	

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Global Health Elective in Related Areas	3	C	• Study abroad requirement should be completed by Term 10-A.
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Global Health Core	Global Health Elective in Related Areas	Global Health Practicum
ASB 300: Food and Culture ((L or SB) & C)	ASB 102: Introduction to Cultural Anthropology (SB & G)	ASB 395: Topics in Comparative Culture (SB & G)
ASB 301: Global History of Health (SB & G & H)	ASB 210: Human Sexuality: Anthropological Perspectives (SB & G)	ASB 455: Practicum for Social Sciences (SB)
ASB 305: Poverty and Global Health ((L or SB) & G)	ASB 250: Introduction to Evolution and Medicine (SB & G)	ASB 484: Internship
ASB 316: Money and Culture (L or SB)	ASB 294: Building Babies	ASM 414: Environmental Health (SB)
ASB 327: Disaster! ((L or SB) & C)	ASB 294: Identity, Culture and Conflict	
ASB 355: Traditional Medicine and Healing (HU or SB)	ASB 322: Peoples of Latin America ((L or SB) & G)	
ASB 357: Society, Drugs and Health (SB & G)	ASB 345: Culture and Society Transformation (SB & G)	
ASB 370: Ethics of Eating (L or SB)	ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)	
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)	ASB 362: People and Plants	
ASB 457: Global Mental Health ((L or SB) & G)	ASB 380: Language, Culture and Gender (SB)	
ASB 462: Medical Anthropology: Culture and Health (SB & C)	ASB 408: Advanced Evolutionary Medicine	
ASM 345: Disease and Human Evolution	ASB 466: Peoples and Cultures of Africa (SB & G)	
ASM 401: Health and Human Biology	ASM 104: Bones, Stones, and Human Evolution (SB or SG)	
ASM 403: Evolutionary Medicine and Global Health	ASM 201: Epidemics and Outbreaks	
HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)	ASM 246: Human Origins (SB)	
SGS 340: Violence, Conflict and Human Rights	ASM 275: Forensic Anthropology (SB or SG)	
SGS 350: Economic Development and Globalization	HCR 230: Culture and Health (C & G)	
SOC 424: Women and Health (SB)	HSC 310: Health Communication	
SOC 427: Sociology of Health and Illness (SB)	JUS 350: Immigration and Justice (SB & C)	
	JUS 374: The Holocaust, Genocide, and Human Rights	

WST 365: Women and International Health (G)	NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability
WST 380: Race, Gender, and Class (SB & C)	POS 300: Contemporary Global Controversies (SB & G)
	POS 368: Ethics and Human Rights
	SGS 303: Global Trends (SB & G)
	SGS 304: Foundations of Cross-Cultural Awareness
	SGS 394: Global Problems and Debates
	SOC 352: Social Change (SB & G & H)
	SOC 418: Aging and the Life Course (SB & H)
	WST 394: Fast Food Nation
	WST 460: Women and the Body (SB & C)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

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Cumulative GPA: 2.00 minimum
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General University Requirements Legend

General Studies Core Requirements:

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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Global Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASGSBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS 101: Thinking Globally (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • This major requires an international experience. Students must complete an approved study abroad experience or an approved international internship. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS 204: Professional Global Career Development	3	C	• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • Meet with a study abroad professional and complete the Study Abroad 101 workshop. • Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS Elective	3	C	• Create a first draft resume. • Develop your career skills.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Natural Science - Quantitative (SQ)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS Elective	3	C	• Explore an internship. • Build your professional connections -- join the ASU Mentor Network.
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SGS 305: Empirical Political Inquiry (SB)	3	C	• The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Meet with our internship coordinator to develop a plan to fulfill this requirement. • Maximum of three hours of SGS 484 can apply toward SGS Electives. • Thinking about graduate school? Consider registering for a grad school test prep course.
Complete 2 courses: Related Area Course	6	C	
SGS Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SGS 401: Political Statistics (CS)	3	C	• Complete an in person or virtual practice interview.
SGS Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SGS Upper Division Elective	3	C	• Gather professional references. • Maximum of three hours of SGS 484 can apply toward SGS Electives.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Upper Division Elective	6		
Elective	2		
Term hours subtotal:	15		

		Minimum	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ SGS 484: Internship OR SGS 484: Global Experience	3	C	• Apply for full-time career opportunities.
SGS Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- All Global Studies majors must complete six major elective courses. Nine hours of the major electives must be upper division. Students must earn a "C" or better in the courses.
- Maximum of three hours of SGS 484 can apply toward SGS Electives.
- Students must complete 12 credit hours in courses drawn from related areas. Courses from the subjects listed below may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" or better in the related area courses.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR ASB OR ASM OR BIO OR COM OR ECN OR GCU OR GPH OR HST OR JUS OR PAF OR POR OR POS OR PUP OR REL OR SOS OR SPA OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Global Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LASGSBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS 101: Thinking Globally (SB & G)	3	C	• ASU 101 or college-specific First-Year Seminar is required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • This major requires an international experience. Students must complete an approved study abroad experience or an approved international internship.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS 204: Professional Global Career Development	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned. • Join a student club or professional organization.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Create a first draft resume.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or	4	C	

equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

Term 3 - A 27 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS Elective	3	C	• Develop your career skills.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SGS Elective	3	C	• View career webinars and meet with a career counselor to discuss professional goals.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Explore an internship.
Elective	2		
Term hours subtotal:	6		

Term 5 - A 53 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SGS 305: Empirical Political Inquiry (SB)	3	C	• The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Meet with our internship coordinator to develop a plan to fulfill this requirement. • Maximum of three hours of SGS 484 can apply toward SGS Electives. • Build your professional connections -- join the ASU Mentor Network.
SGS Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 59 - 65 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Thinking about graduate school? Consider registering for a grad school test prep course .
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - A 65 - 71 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS 401: Political Statistics (CS)	3	C	• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.
Related Area Course	3	C	
Term hours subtotal:	6		

Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS Upper Division Elective	3	C	• Complete an in person or virtual practice interview. • Maximum of three hours of SGS 484 can apply toward SGS Electives.
Related Area Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 77 - 83 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS Upper Division Elective	3	C	
Related Area Course	3	C	
Term hours subtotal:	6		

Term 7 - B 83 - 90 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Term hours subtotal:	7		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS Upper Division Elective	3	C	• Gather professional references. • Maximum of three hours of SGS 484 can apply toward SGS Electives.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

		Minimum	

Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ SGS 484: Internship OR SGS 484: Global Experience	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Related Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Maximum of three hours of SGS 484 can apply toward SGS Electives.
- Students must complete 12 credit hours in courses drawn from related areas. Courses from the following subjects may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" grade or better in the related area courses.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR ASB OR ASM OR BIO OR COM OR ECN OR GCU OR GPH OR HST OR JUS OR PAF OR POR OR POS OR PUP OR REL OR SOS OR SPA OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

History, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHISBA

Only the standalone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST Survey Course AND Historical Awareness (H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Elective	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 130: The Historian's Craft	3	C	• Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.25 GPA in HST.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Many General Studies requirements can overlap with major requirements, leaving

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Humanities, Arts and Design (HU)	3	
Literacy and Critical Inquiry (L)	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Maintain 2.25 GPA in HST.		
Term hours subtotal:	16	

more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study.

- Explore opportunities to study abroad.

Term 4 46 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
HST Survey Course	3	C	• Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied through other coursework. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division Comparative History Course	3	C	• The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, consult an academic advisor to determine the best sequence of courses for your personal plan of study. • HST 304 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic. • Choosing a Humanities (HU) course that also fulfills Cultural Diversity in the United States (C) is recommended. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. • If planning on law school, prepare to take the LSAT.
HST 304: Studies in European History	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Upper Division History in the Wild Course	3	C	• HST 303, 305, and 307 are variable topics courses. Some topics carry one or more General Studies designations. Check the
HST 303: Studies in Asian History OR HST 305: Studies in Latin American History OR HST 307: Studies in African History (H)	3	C	

Upper Division Related Area Course	3	C
Upper Division Elective OR HST 484: Internship	3	
Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 2.25 GPA in HST.		
Term hours subtotal:	15	

- class schedule to confirm any General Studies designations for the specific course topic.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- Explore graduate school opportunities.

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L)	3	C	• Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Upper Division Related Area Course	3	C	
HST Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 306: Studies in United States History	3	C	• HST 306 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for career opportunities.
HST Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	2		
★ Maintain 2.25 GPA in HST.			
Term hours subtotal:	14		

- HST 302-307 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
- All students are required to take one course from HST 304 and HST 306, plus one course chosen from HST 303, HST 305, or HST 307. Students may select any topic within these course numbers for this requirement. However, for the Comparative History and History in the Wild requirements, students must choose only from the specific topics shown in the Comparative History and History in the Wild lists below. Any topic under HST 302 will count as a Comparative History course. Students must complete 33 total credit hours in history (HST), so any variable topics courses taken for Comparative History and History in the Wild will be in addition to the standard requirement for HST 304, HST 306, and (HST 303, 305, or 307).
- Students must complete 12 credits of courses in Related Areas, at least six of which must be upper division.

Hide Course List(s)/Track Group(s)

HST Survey Courses	Comparative History	History in the Wild
HST 100: Global History to 1500 (HU & H & G)	HST 301: Global History of Health (SB & G & H)	HST 302: Envisioning Peace

HST 101: Global History Since 1500 (HU & H & G)

HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H)

HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H)

HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)

HST 106: Asian Civilizations ((HU or SB) & G & H)

HST 108: Introduction to Japan (SB & G & H)

HST 109: United States to 1865 ((HU or SB) & H)

HST 110: United States Since 1865 (SB & H)

HST 111: Introduction to Asia (HU & H & G)

HST 302: Studies in History

HST 303: Empires in Asia

HST 303: WWII in Asia: Cultures of War

HST 304: Witchcraft and Christianity in the Atlantic World

HST 309: Exploration and Empire ((L or HU) & H)

HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)

HST 357: Historical Perspectives on Philosophy and Religion

HST 404: Conquest and Encounters in Colonial Latin America (L & G)

HST 435: The Russian Empire (SB & H)

HST 456: The Vietnam War (SB & G & H)

HST 306: Historic Preservation in the U.S.

HST 306: Landscape, Place and Memory in American History

HST 306: Monuments and Memory

HST 306: U.S. Urban History

HST 414: Political History and Leadership

HST 485: History in the Wild

Related Area courses

AFR OR AIS OR APA OR APH OR ARS OR ASB OR ASM OR ECN OR GCU OR HPS OR HUL OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective

ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)

ARB 335: Arabic Culture and Islam (G)

ARB 336: Introduction to the Qur'an (G)

ARB 337: Hadith and Prophetic Tradition (HU & H & G)

ARB 341: Quran Text and Women (HU & H)

ARB 351: Classical Arabic Literature (HU & G)

ARB 352: Modern Arabic Literature in Translation (HU & G)

BIO 316: History of Biology: Conflicts and Controversies (H)

BIO 318: History of Medicine (HU & H)

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

CHI 348: Pathways into Chinese Culture

Related Area courses continued

JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

JPN 414: Introduction to Classical Japanese

JPN 415: Advanced Classical Japanese

JPN 445: Readings in Modern Japanese Letters and Culture

JST Elective (not from JST 131, 132, 231, or 232)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

Related Area courses continued

THE 320: History of the Theatre I (HU & H)

THE 321: History of the Theatre II (HU & H)

THE 322: Theatre History and Culture (HU & H)

THE 421: Shakespeare: Stage and Film (L or HU)

THE 425: Chekhov and Russian Drama (L or HU)

THE 430: History of Fashion I (HU)

CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

CHI 470: Modern Chinese Literature and Culture

ENG Elective (not from ENG 101-197)

FRE 305: Readings in French Literature (G)

FRE 321: French Cultural Masterpieces I ((L or HU) & H)

FRE 322: French Cultural Masterpieces II (L or HU)

FRE 414: French and Italian Popular Culture ((L or HU) & G) or ITA 414: French and Italian Popular Culture ((L or HU) & G) or SLC 414: French and Italian Popular Culture ((L or HU) & G)

FRE 415: French Civilization I (HU)

FRE 416: French Civilization II (HU & G)

FRE 453: Theater of the 19th Century (HU)

FRE 461: Modern Narrative (HU)

GER 315: Germanic Mythology (HU & G)

GER 416: German Civilization (HU & H & G)

GER 421: German Literature Survey, 800-1800 (HU)

GER 422: German Literature Survey, 1800-Today (L or HU)

GER 431: German Humor

GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G)

GRK 142: Ancient Greek Civilization (HU & H) or SLC 142: Ancient Greek Civilization (HU & H)

GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)

GRK 301: Ancient Greek Literature I (HU)

GRK 302: Ancient Greek Literature II (HU)

GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

LAT 222: Survey of Roman Literature (HU) or SLC 222: Survey of Roman Literature (HU)

LAT 421: Roman Literature (HU)

MCO 418: History of Mass Communication (SB & H)

MUS 354: Popular Music

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU & C & H)

POR 472: Luso-Brazilian Civilization (HU & G)

PSY 414: History of Psychology (L or SB)

PUP 412: History of the City ((L or HU) & H)

RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G)

RUS 421: Pushkin (L or HU)

RUS 425: Chekhov and Russian Drama (L or HU)

RUS 430: Russian Short Story (L or HU)

SLC 123: Gods and Monsters: Comparative Mythology (HU & G)

SLC 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) or RUS 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H)

SLC 144: The Ancient Mediterranean

SLC 221: Survey of Ancient Greek Literature (HU)

SLC 340: Approaches to International Cinema (HU & G) or FMS 341: Approaches to International Cinema (HU & G)

Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

HEB 375: Contemporary Culture of Israel (HU & G)

HON 171: The Human Event (L or HU)

HON 272: The Human Event ((L or HU) & H)

HON 370: History of Ideas (L or HU)

HON 378: Culture and Society in England, Ireland, and Scotland (HU & H & G)

HON 379: Romantics, Victorians, and Moderns (HU & G)

HON 380: Aesthetics and Society (HU)

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H)

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)

ITA 420: Italian Cinema (L & G)

SLC 344: Classics and Comics (HU) or GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU)

SLC 425: Globalization: From Colonialism to Climate Change (HU & G)

SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)or RUS 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)

SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) or ROM 442: Dracula and Vampire Lore ((L or HU) & G & H)

SLV 440: History of Slavic Languages (SB)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 434: Drama of the Golden Age

SPA 456: 20th-Century Spanish American Fiction

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.25 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

History, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAHISBA

Only the standalone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.25 GPA in HST.			
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• View ASU Online first-year student registration information here. • Many General Studies requirements can overlap with major courses, leaving more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

		Minimum	

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Grade	Notes
HST 130: The Historian's Craft	3	C	• Transfer students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130. • If interested in law school, review the Pre-Law at ASU website.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.25 GPA in HST.			
Term hours subtotal:	7		

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Choosing a Humanities, Arts and Design (HU) course that also fulfills the Cultural Diversity in the U.S. (C) requirement is recommended if these requirements have not already been satisfied.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Explore opportunities to study abroad. Online students are eligible and encouraged to participate!
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Elective	2		
Term hours subtotal:	6		

Term 5 - A 53 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Comparative History Course	3	C	• The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, students
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

should consult an academic advisor to determine the best sequence of courses for their personal plan of study.

Term 5 - B 59 - 65 Credit Hours	Hours	Minimum Grade
HST 304: Studies in European History	3	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

- HST 304 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
- Choosing a Social-Behavioral Sciences (SB) course that also fulfills the Global Awareness (G) requirement is recommended if these requirements have not already been satisfied.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies.

Term 6 - A 65 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ HST 303: Studies in Asian History	3	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Maintain 2.25 GPA in HST.		
Term hours subtotal:	7	

- HST 303 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ HST 485: History in the Wild	3	C
Related Area Course	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

- Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor.

Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade
HST Upper Division Elective	3	C
Literacy and Critical Inquiry (L)	3	
Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

- If planning on law school, prepare to take the LSAT.

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ HST 495: Methods of Historical Inquiry (L)	3	C
Elective	3	
Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade

Upper Division Related Area Course	3	C	• Explore graduate school opportunities.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 306: Studies in United States History	3	C	• HST 306 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic. • View career webinars offered by Career and Professional Development Services.
Upper Division Elective	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST Upper Division Elective	3	C	• Use Handshake to research employment opportunities.
Upper Division Related Area Course	3	C	
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
Elective	3		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Apply for career opportunities.
★ Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

- • HST 302-306 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
  - All students are required to take one course from HST 303, HST 304 and HST 306. Students may select any topic within these course numbers for this requirement. However, for the Comparative History requirement, students must choose only from the specific topics shown in the Comparative History list below. All topics under HST 302 fulfill the Comparative History requirement. Students must complete 33 total credit hours in history (HST), so any variable topics course taken for Comparative History will be in addition to the standard requirement for HST 303, HST 304 and HST 306.
  - Students must complete 12 credits of Related Area courses, at least six of which must be upper division.

Hide Course List(s)/Track Group(s)

Comparative History	Related Area

HST 301: Global History of Health (SB & G & H)

HST 302: Studies in History

HST 303: Empires in Asia

HST 304: Witchcraft and Christianity in the Atlantic World

HST 309: Exploration and Empire ((L or HU) & H)

HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)

HST 456: The Vietnam War (SB & G & H)

AFR OR APA OR ASB OR ASM OR ECN OR GCU OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective

ARB 335: Arabic Culture and Islam (G)

ARB 336: Introduction to the Qur'an (G)

BIO 316: History of Biology: Conflicts and Controversies (H)

BIO 318: History of Medicine (HU & H)

ENG Elective (not from ENG 101-197)

GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G)

GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)

HON 370: History of Ideas (L or HU)

MCO 418: History of Mass Communication (SB & H)

MUS 354: Popular Music

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU & C & H)

SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) or ROM 442: Dracula and Vampire Lore ((L or HU) & G & H)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

THE 322: Theatre History and Culture (HU & H)

THE 421: Shakespeare: Stage and Film (L or HU)

THE 430: History of Fashion I (HU)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.25 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

History (Secondary Education), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHISSEBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Minimum 2.25 GPA in HST.			
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	• Students must complete HST 100, HST 101, HST 109 and HST 110 prior to Term 5. These courses may be taken in any order. • Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130. • Join a student club or professional organization.
HST 130: The Historian's Craft	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	17		

Term 3 31 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C
TEL 111: Exploration of Education (SB)	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Minimum 2.25 GPA in HST.		
Term hours subtotal:	14	

- Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools.
- Explore opportunities to study abroad. Summer is usually the best time for students in this major to study abroad.

Term 4 45 - 61 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
BLE 220: Foundations of Structured English Immersion (L)	3	C	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Minimum 2.25 GPA ASU Cumulative.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	16		

- Meet with your advisor early in the semester to discuss enrollment in Teachers College (TEL) courses for Term 5. There may be specific steps you need to follow, prior to enrolling in these courses, including verification that you have obtained an IVP fingerprint card.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.

Term 5 61 - 77 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 355: Internship: Initial	1	C	
Upper Division Non-U.S. History Course	3	C	
Upper Division United States History Course	3	C	
Elective (GCU 113 recommended)	3		
Minimum 2.25 GPA ASU Cumulative.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	16		

- While enrolled in TEL 355, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.
- GCU 113 is recommended for the elective course if students have not yet satisfied the AZ Constitution requirement for teacher certification.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
- Explore graduate school opportunities.

Term 6 77 - 91 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**

HST 480: Methods of Teaching History: Classroom Resources	3	C
HST 495: Methods of Historical Inquiry (L)	3	C
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C
TEL 366: Internship: Intermediate	1	C
Elective	4	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Minimum 2.25 GPA ASU Cumulative.		
Minimum 2.25 GPA in HST.		
Term hours subtotal:	14	

- Students are encouraged to select free electives from courses in geography, political science, and economics, especially if preparing to teach middle grade (6-8) social studies. Barrett Honors students may use their research and thesis hours as electives.
- While enrolled in TEL 366, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.
- Use Handshake to research employment opportunities.
- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

Term 7 91 - 108 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
HST 481: Methods of Teaching History: Community Resources	3	C	
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 477: Internship: Advanced	2	C	
Upper Division Non-U.S. History Course	3	C	
Upper Division United States History Course	3	C	
Minimum 2.25 GPA ASU Cumulative.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	17		

- All other degree requirements should be completed prior to student teaching residency. Only one course may be approved to take concurrently with student teaching residency in Term 8.
- Students must pass the NES Secondary Professional Knowledge Exam to obtain secondary education teacher certification in Arizona. Completing this exam prior to student teaching residency is highly recommended. See www.aepa.nesinc.com.
- While enrolled in TEL 477, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 75 hours over the semester. Reliable transportation is needed to get to school sites.

Term 8 108 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
TEL 471: Professional Educator Series: The Principled Educator	1		
TEL 488: Student Teaching	11	C	
Minimum 2.25 GPA ASU Cumulative.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	12		

- Student teaching requires a full-time commitment in a 6-12th grade classroom for the semester.
- Students must either have passed the Constitutions of the United States and Arizona AEPA exam or have completed coursework covering this requirement within one year of initial certification.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for career opportunities.

- At least 12 upper-division hours in history (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Upper Divison United States History
HST 300: Experience of America's Modern Wars (H)
HST 306: Studies in United States History
HST 314: American Cultural History Since 1865 ((HU or SB) & H)
HST 315: Political History of the U. S. (SB & H)
HST 316: 20th-Century U.S. Foreign Relations (SB & H)
HST 317: History of Postwar U.S. Conservatism
HST 318: History of Engineering ((L or SB) & G)
HST 320: U.S. Urban History since 1850 (SB & H)
HST 321: Constitutional History/US to 1865 (SB & H)
HST 322: Constitutional History of the United States Since 1865 (H)
HST 323: Historical Studies in Race, Crime, and the Law
HST 325: Immigration and Ethnicity in the United States (SB & H & C)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
HST 329: Women in 20th-Century U.S. West (H & C)
HST 331: Mexican American History to 1900 (SB & H & C)
HST 332: Mexican American History Since 1900 (SB & H & C)
HST 333: African American History to 1865 (SB & H & C)
HST 334: African American History Since 1865 ((HU or SB) & C & H)
HST 335: History of Black Women in America (SB & H)
HST 337: American Indian History to 1900 ((HU or SB) & C & H)
HST 338: American Indian History since 1900 ((HU or SB) & C & H)

Upper Division Non-U.S. History
HST 302: Envisioning Peace
HST 302: Gender and Sexuality in Islam
HST 302: History of the Olympic Movement
HST 302: Jews, Christians & Muslims in Early Modern World
HST 302: Jews, Christians & Muslims in the Medieval World
HST 302: Slavery Systems in Africa
HST 303: Studies in Asian History
HST 304: Studies in European History
HST 305: Studies in Latin American History
HST 307: Studies in African History (H)
HST 309: Exploration and Empire ((L or HU) & H)
HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)
HST 336: Islamic Civilization (HU & H)
HST 339: Islam in the Modern World (HU & G)
HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)
HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)
HST 348: Rome (SB & H)
HST 349: Early Middle Ages ((HU or SB) & H)
HST 350: Later Middle Ages ((HU or SB) & H)
HST 351: Renaissance Europe ((L or HU or SB) & H)
HST 352: Europe's Reformations ((L or HU or SB) & H)
HST 353: Old Regime in Europe (SB & H)
HST 354: Revolutionary Europe (SB & H)
HST 355: Total War and the Crisis of Modernity (SB & G & H)
HST 356: Europe since 1945 (SB & G & H)
HST 358: Jewish History from Antiquity to 1492 (SB & H)

Upper Division Non-U.S. History Continued
HST 404: Conquest and Encounters in Colonial Latin America (L & G)
HST 423: The Tudor Monarchy (SB & H)
HST 424: The Stuart Monarchy (SB & H)
HST 426: The British Empire (H)
HST 427: French Revolution/Napoleonic Era (SB & H)
HST 429: Modern Germany (SB & G & H)
HST 430: The Ottoman Empire in the Classical Period
HST 432: Eastern Europe the Balkans, 20th Century (G & H)
HST 435: The Russian Empire (SB & H)
HST 436: Rise & Fall of Soviet Communism (SB & G & H)
HST 438: Modern Spain ((HU or SB) & G & H)
HST 439: Athenian Democracy (H)
HST 441: Latin America and the World Economy (L & G & H)
HST 443: The United States and Latin America (SB & G & H)
HST 444: Latin American Independence ((L or HU) & G)
HST 445: 20th-Century Cuba (SB & G & H)
HST 447: Modern Mexico (SB & H)
HST 448: Mexican/U.S. Border
HST 451: Chinese Cultural History I ((HU or SB) & H)
HST 452: Chinese Cultural History II (SB & G & H)
HST 456: The Vietnam War (SB & G & H)
HST 459: Gandhi and the Politics of Nonviolence
HST 460: World War II (HU & H & G)
HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

HST 340: American Military History (SB & H)

HST 341: U.S. West 19th Century (SB & H)

HST 342: U.S. West 20th Century (SB & H)

HST 343: American Southwest ((L or SB) & H)

HST 344: Arizona (SB & H)

HST 345: Environmental History (L)

HST 377: Sports in United States History ((HU or SB) & H)

HST 379: History of College Sports

HST 405: Colonial American History to 1763 (SB & H)

HST 406: American Revolution/1763-1789 (SB & H)

HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H)

HST 408: Civil War and Reconstruction ((L or SB) & H)

HST 409: Emergence Modern U.S. 1877-1918 (SB & H)

HST 412: Contemporary U.S., 1973- Present (SB & H)

HST 413: Contemporary America ((L or SB) & H)

HST 414: Political History and Leadership

HST 419: 20th Century Chicano/a History (C)

HST 443: The United States and Latin America (SB & G & H)

HST 448: Mexican/U.S. Border

HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C)

HST 456: The Vietnam War (SB & G & H)

HST 359: Jewish History from 1492 to 1948 (SB & G & H)

HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)

HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)

HST 364: Sex and Society in Modern Europe ((L or SB) & H)

HST 365: World Wars I and II: Europe's Eastern Front

HST 366: England to 1689 (SB & H)

HST 367: Modern Britain (SB & H)

HST 368: Culture and Imagination in European History (HU & H)

HST 369: History and Memory of the Holocaust

HST 370: Eastern Europe in Transition (SB & G & H)

HST 372: Modern Middle East (SB & G & H)

HST 373: Roman History I: Foundations and Republic

HST 374: Roman History II: The Roman Empire

HST 375: Colonial Latin America (SB & H)

HST 376: Modern Latin America (SB & G & H)

HST 383: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 397: Greece and Rome at War

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.25 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Integrated Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAISTBA

Students may not be admitted directly to the BA in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

Term 1 0 - 14 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@asu.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Mathematics (MA)	3	C	
Social-Behavioral Sciences (SB)	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	2		
Minimum 3.25 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 43 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Complete Mathematics (MA) requirement.		
Minimum 3.25 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Term hours subtotal:	14	

Term 4 43 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Explore an internship.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: Approved integrated study courses; determined by advisor.	6	C	• Create a resume. • Review or develop your professional online presence.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: Upper Division Approved integrated study courses; determined by advisor.	6	C	• Research graduate programs and employment opportunities. • Gather professional references.
Complete 2 courses: Approved integrated study courses; determined by advisor.	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 4 courses:			

★	Upper Division Approved integrated study courses; determined by advisor.	12	C
★	Approved integrated study courses; determined by advisor.	3	C
	Minimum 3.25 GPA ASU Cumulative.		
	Term hours subtotal:	15	

- Prepare applications for graduate programs and full-time career opportunities.
- Complete an in person or virtual practice interview.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 4 courses:			
★ Upper Division Approved integrated study courses; determined by advisor.	12	C	
Upper Division Elective	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.25 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Integrated Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAISTBS

Students may not be admitted directly to the BS in Integrated Studies.ÂThis degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

Term 1 0 - 16 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Mathematics (MA)	3	C	
Complete 2 courses: Elective	6		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Minimum 3.25 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 44 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Science and Society Elective	3	C	• Before registering in term 4, students must meet with an advisor in The College of Liberal Arts and Sciences' Office of Student and
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		

Natural Science - Quantitative (SQ)	4	
Elective	3	
Complete Mathematics (MA) requirement.		
Minimum 3.25 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Term hours subtotal:	13	

Academic Programs to develop an approved program of integrated study courses.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Approved integrated study courses; determined by advisor.	3	C	• Develop your skills • Explore an internship
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: Approved integrated study courses; determined by advisor.	9	C	• Review or develop your professional online presence • Create a resume
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Approved integrated study courses; determined by advisor.	6	C	• Research graduate programs and employment opportunities • Gather professional references
Approved integrated study courses; determined by advisor.	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 4 courses: Upper Division Approved integrated study courses; determined by advisor.	12	C	• Prepare applications for graduate programs and full-time career opportunities • Complete an in person or virtual practice interview
Upper Division Elective	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

		Minimum	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ *Complete 4 courses:* Upper Division Approved integrated study courses; determined by advisor.	12	C	
Upper Division Elective	3		
★ Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.25 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Letters and Cultures, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students in this major must be eligible to take a 200-level or above selected target language course in the first term. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Learn about intensive language courses. • Engage in your language and culture area at ASU.
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
Approved Selected Language Courses	4-5	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	14-15		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Start planning your study abroad experience. Learn about faculty directed summer programs offered through the School of International Letters and Cultures. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing your Study Abroad Program Workshop. • Select your Career Interest Communities and play me3@ASU.
Approved Selected Language Courses	4-5	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Milestone: Meet with a SILC advisor before the end of the term to seek guidance in writing personal statement.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.33 GPA ASU Cumulative.			
Minimum cumulative 3.00 GPA in primary target language courses.			
Term hours subtotal:	16-17		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Approved Selected Language Courses	4-5	C	
Course from approved Program of Study	3	C	

Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Milestone: Write a personal statement and submit statement by the end of the term; receive Program of Study approval.		
Complete First-Year Composition requirement.		
Minimum 2.33 GPA ASU Cumulative.		
Term hours subtotal:	14-15	

- Meet with your academic advisor in SILC regarding your program of study, which is tailored for individual students.
- Explore your career interest area.
- Learn about research opportunities through the ASU Humanities Lab.
- Activate your Handshake account and build out your profile.

Term 4 44 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 3 courses: Course from approved Program of Study	9	C	• Learn about internships, scholarships and awards available to language and culture majors.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Minimum 2.33 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 3 courses: Upper Division Course from approved Program of Study	9	C	• Learn about national scholarships, fellowships and research opportunities.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Minimum 2.33 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 3 courses: Upper Division Course from approved Program of Study	9	C	• Make plans to study abroad in an ASU Study Abroad summer, semester, or academic year program. • Use Handshake to research employment opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.33 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 3 courses: Upper Division Course from approved Program of Study	9	C	• Learn about ways to build your skills.
Upper Division Literacy and Critical Inquiry (L)	3		
Elective OR SLC 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
4** (400-Level) GRK/LAT/SLC Course	3	C	

Upper Division Course from approved Program of Study	3	C
Course from approved Program of Study	3	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- Attend a Career Services job fair or networking event.

- This degree program is intended for students who are already fairly competent in the language selected to study. The language selected by the student must be one offered by the School of International Letters and Cultures. Please see an academic advisor in SILC for approval of the language as well as the program of study which is tailored for individual students. Because of the nature of the degree program, students taking Romanian and Portuguese should be at least at the 313 level by the end of Term 1, and students taking Greek should be at least at the 301 level by the end of Term 1. Students in all other languages should be at the 201 level by the end of Term 1.

Hide Course List(s)/Track Group(s)

Approved Selected Language Courses	400-Level GRK/LAT/SLC Course
ARB 201: Intermediate Arabic I (G) AND ARB 202: Intermediate Arabic II (G)	GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)
ASL 201: American Sign Language III AND ASL 202: American Sign Language IV	LAT 421: Roman Literature (HU)
BCS 201: Intermediate Serbo-Croatian AND BCS 202: Intermediate Serbo-Croatian	SLC 414: French and Italian Popular Culture ((L or HU) & G)
CHI 201: Second-Year Chinese I (G) AND CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II	SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)
FRE 201: Intermediate French I (G) AND FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G)	SLC 429: Studies in European Literature and Culture
GER 201: Intermediate German I (G) AND GER 202: Intermediate German II (G) or GER 210: Intensive German II (G)	SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)
GRK 301: Ancient Greek Literature I (HU) AND GRK 302: Ancient Greek Literature II (HU)	SLC 440: Film Theory and Criticism
HEB 201: Intermediate Modern Hebrew (G) AND HEB 202: Intermediate Modern Hebrew (G)	SLC 441: Fairy Tales (HU & G)
HEB 231: Biblical Hebrew III AND HEB 232: Biblical Hebrew IV	SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)
IDN 201: Intermediate Indonesian I (G) AND IDN 202: Intermediate Indonesian II (G)	SLC 445: The Holocaust in German-Mediated Memory
ITA 201: Intermediate Italian I (G) AND ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G)	SLC 446: Weimar-Era German Film
JPN 201: Second-Year Japanese I (G) AND JPN 202: Second-Year Japanese II (G) or JPN 210: Intensive Japanese II	SLC 447: German Modernism
	SLC 450: Experimental Narrative (HU)
	SLC 455: Berlin: Migration, Arts and Activism (G)

KOR 201: Second-Year Korean I (G) AND KOR 202: Second-Year Korean II (G)

LAT 201: Intermediate Latin I (HU) AND LAT 202: Intermediate Latin II (HU)

PLC 201: Intermediate Polish AND PLC 202: Intermediate Polish

POR 201: Intermediate Portuguese I (G) AND POR 202: Intermediate Portuguese II (G)

ROM 313: Romanian Composition and Conversation AND ROM 314: Romanian Composition and Conversation

RUS 201: Intermediate Russian I (G) AND RUS 202: Intermediate Russian II (G)

SPA 201: Intermediate Spanish (G) AND SPA 202: Intermediate Spanish (G) or SPA 203: Intermediate Spanish I for Bilinguals (C & G) AND SPA 204: Intermediate Spanish II for Bilinguals (C & G) or SPA 210: Intensive Spanish II (G)

VTN 201: Intermediate Vietnamese I (G) AND VTN 202: Intermediate Vietnamese II (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Letters and Cultures (Arabic Studies), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCASBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARB 101: Elementary Arabic I (G)	5	C	• ASU 101 or college-specific First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language must take a placement test. • Engage in Arabic at ASU. Practice your language skills at the SILC Cafe.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARB 102: Elementary Arabic II (G)	5	C	• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. Attend a Financing Your Study Abroad Program Workshop. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ARB 201: Intermediate Arabic I (G)	5	C	• Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors. • Arabic offers many opportunities if you are interested in working for the Peace Corps.
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

ARB 202: Intermediate Arabic II (G)	5	C
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Term hours subtotal:	15	

- Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors.
- Proficiency in Arabic offers an advantage to those who are interested in U.S. State Department careers.
- Learn about research opportunities through the ASU Humanities Lab.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARB 311: Advanced Arabic Skills I OR ARB 315: Advanced Arabic for Heritage Speakers	3	C	• Learn about national scholarships, fellowships, and research opportunities.
ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARB 341: Quran Text and Women (HU & H)	3	C	• Students must take a minimum of six credit hours in concentration electives. Credit hours in excess of the six required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree. • Explore your career interest area. • Use Handshake to research employment opportunities.
ARB 411: Advanced Arabic Skills II (G)	3	C	
Upper Division Concentration Electives	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARB 351: Classical Arabic Literature (HU & G)	3	C	• Gather professional references.
Upper Division Concentration Electives	3	C	
Upper Division Restricted Content Courses in Arabic	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ARB 352: Modern Arabic Literature in Translation (HU & G)	3	C	• Attend an ASU Career Services workshop or Job Fair.
Upper Division Related Area Course Electives	3	C	
Upper Division Restricted Content Courses in Arabic	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Restricted Content Courses in Arabic
ARB 421: Arabic Conversation II
ARB 422: Advanced Arabic Media (G)
ARB 427: Arabic Prose: Reading the Arabian Nights

Concentration Electives
ARB 321: Arabic Conversation I
ARB 335: Arabic Culture and Islam (G)
ARB 336: Introduction to the Qur'an (G)
ARB 337: Hadith and Prophetic Tradition (HU & H & G)
ARB 340: Arabic Translation
ARB 360: Islamic Philosophical Literature
ARB 394: Special Topics
ARB 421: Arabic Conversation II
ARB 422: Advanced Arabic Media (G)
ARB 428: Arab Women's Writing (HU & G)
ARB 493: Honors Thesis (L)
ARB 494: Special Topics
ARB 499: Individualized Instruction

Related Area Courses
AFR 480: Different Voices Within Contemporary Islamic Discourse
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)
HST 372: Modern Middle East (SB & G & H)
POS 353: Comparative Politics of the Middle East
REL 365: Islamic Civilization (HU & H)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Letters and Cultures (Classical Civilization), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCVBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with experience in the language must take a placement exam. • Learn about Intensive Language courses at ASU. • Explore your career interest area. • Engage in the Classics at ASU. Practice your language skills at the SILC Cafe.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above).	4	C	
Mathematics (MA) (MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Start planning your study abroad experience. Learn about ASU Study Abroad programs. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program workshop. • Select your career interest area and play me3@ASU.
Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above).	4	C	
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Classics Core	3	C	• Learn about internships, scholarships and awards and explore your career interest area.
Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above).	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.			
	Term hours subtotal:	13	

Term 4 43 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.
Ancient World Elective	3	C	
GRK 223: Introduction to Greek and Roman Mythology (HU) OR LAT 223: Introduction to Greek and Roman Mythology (HU) OR SLC 223: Introduction to Greek and Roman Mythology (HU)	3		
Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above).	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	16		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ancient World Elective	3	C	• Explore your career interest area.
Upper Division Culture Core	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Elective	3		
Term hours subtotal:	16		

Term 6 75 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ancient World Elective	3	C	• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Visit the Office of National Scholarship Advisement to learn more about national scholarships, fellowships and research opportunities. • Use Handshake to research employment opportunities.
Upper Division Culture Core	3	C	
Upper Division History Core	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
4** (400-Level) GRK/LAT/SLC Course	3	C	• Build your skills.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR SLC 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ancient World Elective	3	C	• Attend an ASU Career Services Job Fair.

Upper Division History Core	3	C
Complete 2 courses: Upper Division Elective	6	
Elective	2	
Term hours subtotal:	14	

Hide Course List(s)/Track Group(s)

Upper Division Culture Core
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)
LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire
LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)
LAT 358: Saving the Roman Empire or SLC 358: Saving the Roman Empire

History Core
GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)
GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)
LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic
LAT 374: Roman History II: The Roman Empire or SLC 374: Roman History II: The Roman Empire or HST 374: Roman History II: The Roman Empire

Classics Core
GRK 142: Ancient Greek Civilization (HU & H) or SLC 142: Ancient Greek Civilization (HU & H)
LAT 143: Roman Civilization (HU & H) or SLC 143: Roman Civilization (HU & H)

Ancient World Electives
APH 313: History of Architecture I ((L or HU) & G & H)
ARS 402: Art of Ancient Egypt (HU & H)
ARS 404: Greek Art (HU & H)
ARS 406: Roman Art (HU & H)
ASB 330: Understanding Archaeology (SB)
ENG 303: Classical Backgrounds of English Literature (HU)
GRK 201: Intermediate Ancient Greek
GRK 301: Ancient Greek Literature I (HU)
GRK 302: Ancient Greek Literature II (HU)
GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU)

400-Level GRK/LAT/SLC Course
GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)
LAT 421: Roman Literature (HU)
SLC 414: French and Italian Popular Culture ((L or HU) & G)
SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)
SLC 429: Studies in European Literature and Culture
SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)
SLC 440: Approaches to Film Theory
SLC 441: Fairy Tales (HU & G)
SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)

GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)

GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)

GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360: Greece and Rome at War or HST 397: Greece and Rome at War

GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

HST 349: Early Middle Ages ((HU or SB) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 495: Methods of Historical Inquiry (L)

LAT 201: Intermediate Latin I (HU)

LAT 202: Intermediate Latin II (HU)

LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

LAT 421: Roman Literature (HU)

PHI 328: History of Ancient Philosophy (HU & H)

POS 340: History of Political Philosophy I (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

REL 316: Literary Readings of the Hebrew Bible (L or HU)

REL 371: New Testament (HU)

REL 375: Lost Scriptures, Lost Christianities (HU)

SLC 445: The Holocaust in German-Mediated Memory

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

SLC 450: Experimental Narrative (HU)

SLC 455: Berlin: Migration, Arts and Activism (G)

Notes:

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    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Letters and Cultures (Classics) - Greek, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCCBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRK 101: Elementary Ancient Greek	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Engage in the Classics at ASU. Practice your language skills at the SILC Cafe.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) (MAT 142 recommended)	3		
Minimum 2.33 GPA ASU Cumulative.			
Minimum 3.00 GPA in GRK.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRK 201: Intermediate Ancient Greek	4	C	• Start planning your study abroad experience. Learn about faculty-directed summer study abroad programs offered through the School of International Letters and Cultures. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.33 GPA ASU Cumulative.			
Minimum 3.00 GPA in GRK.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRK 301: Ancient Greek Literature I (HU)	3	C	• Students are required to take GRK 301 twice, once in Term 3 and again in Term 5. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Minimum 3.00 GPA in GRK.			
	Term hours subtotal:	16	

Term 4 46 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GRK 302: Ancient Greek Literature II (HU)	3	C	• Students are required to take GRK 302 twice, once in Term 4 and again in Term 6. • Learn about internship, scholarships and awards opportunities. • Explore your career interest area. • Learn about research opportunities through the ASU Humanities Lab.
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
Ancient World Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Minimum 3.00 GPA in GRK.			
Term hours subtotal:	13		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRK 301: Ancient Greek Literature I (HU)	3	C	• Students are required to take GRK 301 twice. • Learn about national scholarships, fellowships and research opportunities.
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Elective	3		
Elective	4		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
GRK 302: Ancient Greek Literature II (HU)	3	C	• Students are required to take GRK 302 twice. • Explore your career interest area. • Use Handshake to research employment opportunities.
Ancient World Elective	3	C	
Culture Core	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ancient World Elective	3	C	
Culture Core	3	C	
4** (400-Level) GRK/LAT/SLC Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR SLC 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ancient World Elective	3	C	• Attend an ASU Career Services workshop or job fair.
Complete 3 courses: Upper Division Elective	9		

Elective	3
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Upper Division Culture Core
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)
LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire
LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)
LAT 358: Saving the Roman Empire or SLC 358: Saving the Roman Empire

Ancient World Electives
APH 313: History of Architecture I ((L or HU) & G & H)
ARS 402: Art of Ancient Egypt (HU & H)
ARS 404: Greek Art (HU & H)
ARS 406: Roman Art (HU & H)
ASB 330: Understanding Archaeology (SB)
ENG 303: Classical Backgrounds of English Literature (HU)
GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)
GRK 301: Ancient Greek Literature I (HU)
GRK 302: Ancient Greek Literature II (HU)
GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU)
GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)
GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)
GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360:

400-Level GRK/LAT/SLC Course
GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)
LAT 421: Roman Literature (HU)
SLC 414: French and Italian Popular Culture ((L or HU) & G)
SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)
SLC 429: Studies in European Literature and Culture
SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)
SLC 440: Approaches to Film Theory
SLC 441: Fairy Tales (HU & G)
SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)
SLC 445: The Holocaust in German-Mediated Memory
SLC 446: Weimar-Era German Film
SLC 447: German Modernism
SLC 450: Experimental Narrative (HU)
SLC 455: Berlin: Migration, Arts and Activism (G)

Greece and Rome at War or HST 397: Greece and Rome at War

GRK 362: Ancient Greek Religion (HU) or SLC 362: Ancient Greek Religion (HU) or REL 360: Ancient Greek Religion (HU)

GRK 363: Ancient Magic and Witchcraft or SLC 363: Ancient Magic and Witchcraft or LAT 363: Ancient Magic and Witchcraft

GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

HST 349: Early Middle Ages ((HU or SB) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 495: Methods of Historical Inquiry (L)

LAT 201: Intermediate Latin I (HU)

LAT 202: Intermediate Latin II (HU)

LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire

LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)

LAT 358: Saving the Roman Empire or SLC 358: Saving the Roman Empire

LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

LAT 374: Roman History II: The Roman Empire or HST 374: Roman History II: The Roman Empire

LAT 421: Roman Literature (HU)

PHI 328: History of Ancient Philosophy (HU & H)

POS 340: History of Political Philosophy I (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

International Letters and Cultures (Classics) - Latin, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCCBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAT 101: Elementary Latin	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Engage in the Classics at ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Mathematics (MA) (MAT 142 recommended)	3		
Elective	3		
Minimum 2.33 GPA ASU Cumulative.			
Minimum 3.00 GPA in LAT.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAT 102: Elementary Latin	4	C	• Start planning your study abroad experience. Learn about study abroad faculty-directed programs offered through the ASU Global Education Office and the School of International Letters and Cultures. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA in LAT.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAT 201: Intermediate Latin I (HU)	4	C	• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop.
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Minimum 3.00 GPA in LAT.			
	Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
LAT 202: Intermediate Latin II (HU)	4	C	• Learn about internships, scholarships and award opportunities. • Explore research opportunities through the ASU Humanities Lab.
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Minimum 2.33 GPA ASU Cumulative.			
Minimum 3.00 GPA in LAT.			
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LAT 421: Roman Literature (HU)	3	C	• Learn about national scholarships, fellowships, and research opportunities.
Upper Division Ancient World Elective	3	C	
Upper Division Culture Core	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LAT 421: Roman Literature (HU)	3	C	• Students are required to take LAT 421 twice. • Explore your career interest area. • Use Handshake to research employment opportunities.
Ancient World Elective	3	C	
4** (400-Level) GRK/LAT/SLC Course	3	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Culture Core	3	C	• Gather professional references.
Upper Division Ancient World Elective	3	C	
Upper Division Elective OR SLC 484: Internship	3		
Complete 2 courses: Elective	5		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Ancient World Elective	3	C	• Attend a career and internship event.
Upper Division Literacy and Critical Inquiry (L)	3		

Complete 3 courses: Upper Division Elective	9
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Upper Division Culture Core
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)
LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire
LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)
LAT 358: Saving the Roman Empire or SLC 358: Saving the Roman Empire

Ancient World Electives
APH 313: History of Architecture I ((L or HU) & G & H)
ARS 402: Art of Ancient Egypt (HU & H)
ARS 404: Greek Art (HU & H)
ARS 406: Roman Art (HU & H)
ASB 330: Understanding Archaeology (SB)
ENG 303: Classical Backgrounds of English Literature (HU)
GRK 201: Intermediate Ancient Greek
GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)
GRK 301: Ancient Greek Literature I (HU)
GRK 302: Ancient Greek Literature II (HU)
GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU)
GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)
GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)

400-Level GRK/LAT/SLC Course
GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)
LAT 421: Roman Literature (HU)
SLC 414: French and Italian Popular Culture ((L or HU) & G)
SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)
SLC 429: Studies in European Literature and Culture
SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)
SLC 440: Approaches to Film Theory
SLC 441: Fairy Tales (HU & G)
SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)
SLC 445: The Holocaust in German-Mediated Memory
SLC 446: Weimar-Era German Film
SLC 447: German Modernism
SLC 450: Experimental Narrative (HU)
SLC 455: Berlin: Migration, Arts and Activism (G)

GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360: Greece and Rome at War or HST 397: Greece and Rome at War

GRK 363: Ancient Magic and Witchcraft or LAT 363: Ancient Magic and Witchcraft or SLC 363: Ancient Magic and Witchcraft

GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

HST 349: Early Middle Ages ((HU or SB) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 495: Methods of Historical Inquiry (L)

LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire

LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)

LAT 358: Saving the Roman Empire or SLC 358: Saving the Roman Empire

LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

LAT 421: Roman Literature (HU)

PHI 328: History of Ancient Philosophy (HU & H)

POS 340: History of Political Philosophy I (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

REL 316: Literary Readings of the Hebrew Bible (L or HU)

REL 371: New Testament (HU)

REL 375: Lost Scriptures, Lost Christianities (HU)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Italian, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAITABA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Learn about Italian language intensive courses. ITA 110 (six credit language course equivalent to ITA 101 and ITA 102) is offered in the spring semester. • Engage in Italian at ASU. Practice your language skills at the SILC Cafe.
ITA 101: Elementary Italian I (G)	4	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Start planning your study abroad experience. Attend a Financing Your Study Abroad Program Workshop. • ITA 210 (six credit hour intensive language course equivalent to ITA 201 and ITA 202) is offered on the ASU Study Abroad Italian Language, Food and Culture in San Severino Marche Summer Program. • Select your Career Interest Communities and play me3@ASU.
ITA 102: Elementary Italian II (G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ITA 201: Intermediate Italian I (G)	4	C	• Meet with a School of International Letters and Cultures academic advisor to learn about internship opportunities in Italian and to discuss the best study abroad options for your major.
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		

Elective	2		• Learn about research opportunities through the ASU Humanities Lab. • Learn about scholarship opportunities for language and culture majors.
Complete Mathematics (MA) requirement.			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• Meet with a School of International Letters and Cultures academic advisor or Italian faculty member to learn about internship opportunities in Italian and to discuss the best study abroad options for your major. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.
ITA 202: Intermediate Italian II (G)	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ITA 311: Speak Italy: Language, People, Culture (G) OR ITA 312: Write Italy: Language, People, Culture (L & G) OR ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) OR ITA 319: Italian for Professions	3	C	• Learn about national scholarships, fellowships and research opportunities. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.
ITA Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) OR ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)	3	C	• Learn about scholarships and awards for language and culture majors. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Attend an ASU Career Services workshop. • Use Handshake to research employment opportunities.
ITA 4** Elective	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ITA 413: Advanced Italian (G)	3	C	• Meet with a School of International Letters and Cultures academic advisor to learn about internship and career opportunities in Italian.
ITA 4** Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	ITA 311: Speak Italy: Language, People, Culture (G) OR ITA 312: Write Italy: Language, People, Culture (L & G) OR ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) OR ITA 319: Italian for Professions	3	C
★	ITA 4** Elective	3	C
	Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
	Upper Division Elective OR ITA 484: Internship	3	
	Elective	3	
	Term hours subtotal:	15	

- Meet with a School of International Letters and Cultures academic advisor to learn about internship and career opportunities in Italian.
- Attend an ASU Career Services workshop or job fair.

Hide Course List(s)/Track Group(s)

ITA Upper Division Electives
ITA 319: Italian for Professions
ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy
ITA 394: Special Topics
ITA 3** Elective
ITA 414: French and Italian Popular Culture ((L or HU) & G)
ITA 420: Italian Cinema (L & G)
ITA 423: Italian Organized Crime in Films and History ((L or HU) & G)
ITA 494: Special Topics
ITA 4** Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Jewish Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJSTBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Students completing Biblical Hebrew will need four extra elective credit hours to reach the 120 required for graduation. • Select your Career Interest Communities and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C	
Humanities, Arts and Design (HU)	3		
Elective	2		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Many General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) OR HST 230: Introduction to Jewish Civilization (HU & H & G) or JST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)	3	C	• Explore opportunities to study abroad .

Related Area Course	3	C
Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Elective	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 2.50 GPA in Major Courses.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Primary Concentration Course	3	C	• Students must choose one of the three concentrations below as their primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Course Outside Primary Concentration	3	C	
Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Primary Concentration Course	3	C	• Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
Upper Division Related Area Course	3	C	
Primary Concentration Course	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Primary Concentration Course	3	C	• Explore graduate school opportunities. • If planning on law school, prepare to take the LSAT. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Upper Division Course Outside Primary Concentration	3	C	
Related Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR JST 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	15		

		Minimum	

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ Upper Division Primary Concentration Course	3	C	• Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Upper Division Course Outside Primary Concentration	3	C	
Upper Division Related Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JST 490: History and Memory in Jewish Tradition (L) OR JST 491: History of Antisemitism OR JST 495: Judaism, Science and World Religions OR JST 496: Biblical Narratives: Literary Approaches	3	C	• Students complete JST 490, JST 491, JST 495, or JST 496 as a capstone course for the Jewish Studies major. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for career opportunities.
Upper Division Related Area Course	3	C	
Complete 3 courses: Upper Division Elective	9		
★ Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	15		

- Students must choose one of the three concentrations as the primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas.

Hide Course List(s)/Track Group(s)

History and Society Concentration	Literature and Culture Concentration	Religion and Thought Concentration
CRJ 456: Etiology of Martyrdom	ENG 356: The Bible as Literature (HU)	HEB 375: Contemporary Culture of Israel (HU & G)
HEB 375: Contemporary Culture of Israel (HU & G)	HEB 375: Contemporary Culture of Israel (HU & G)	HST 314: American Cultural History Since 1865 ((HU or SB) & H)
HST 302: Jews, Christians & Muslims in Early Modern World	JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H)	JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H)
HST 302: Jews, Christians & Muslims in the Medieval World	JST 211: Jews and Judaism in America (SB & H & C) or HST 211: Jews and Judaism in America (SB & H & C) or REL 211: Jews and Judaism in America (SB & H & C)	JST 211: Jews and Judaism in America (SB & H & C) or HST 211: Jews and Judaism in America (SB & H & C) or REL 211: Jews and Judaism in America (SB & H & C)
HST 304: Exiles, Migrants, Refugees in Jewish History	JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)	JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy
HST 304: History of Antisemitism	JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy	JST 315: Hebrew Bible (Old Testament) ((L or HU) & H) or REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)
HST 304: Jews and Christians in the Middle Ages	JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or	JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or
HST 304: Nazi Germany		
HST 304: Rebirth of European Jewish Life after 1950		
HST 358: Jewish History from Antiquity to 1492 (SB & H)		

HST 359: Jewish History from 1492 to 1948 (SB & G & H)

HST 372: Modern Middle East (SB & G & H)

JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H)

JST 211: Jews and Judaism in America (SB & H & C) or HST 211: Jews and Judaism in America (SB & H & C) or REL 211: Jews and Judaism in America (SB & H & C)

JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)

JST 302: Studies in History

JST 304: Studies in European History

JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)

JST 348: Israeli Society and Culture (HU & G) or HEB 348: Israeli Society and Culture (HU & G) or REL 311: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

JST 369: History and Memory of the Holocaust or HST 369: History and Memory of the Holocaust or REL 312: History and Memory of the Holocaust

JST 490: History and Memory in Jewish Tradition (L)

JST 491: History of Antisemitism

REL 410: Judaism in Modern Times (HU & H)

STS 364: Science, Technology, and National Security (SB)

Related Area

ASB OR HST OR POS OR REL OR SGS OR SOC OR WST Elective

AFR 200: Introduction to Africana Studies (SB & G & H)

AFR 301: Race and Racism in Africa/African Diaspora (SB & G)

AFR 318: African and African Diaspora Women Writers (HU & G)

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU)

JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)

JST 346: Israeli Wars in Israeli Movies (HU & G) or FMS 349: Israeli Wars in Israeli Movies (HU & G) or HEB 349: Israeli Wars in Israeli Movies (HU & G)

JST 347: Modern Israeli Literature in Translation (HU & G) or ENG 347: Modern Israeli Literature in Translation (HU & G) or HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

JST 445: The Holocaust in German-Mediated Memory or FMS 445: The Holocaust in German-Mediated Memory or GER 445: The Holocaust in German-Mediated Memory or SLC 445: The Holocaust in German-Mediated Memory

JST 459: Latin American Jewish Culture or SLC 459: Latin American Jewish Culture or SPA 459: Latin American Jewish Culture

JST 496: Biblical Narratives: Literary Approaches

REL 313: Anti-Semitism in the Media

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU)

JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)

JST 349: Nature, Sustainability and Religion or HPS 349: Nature, Sustainability and Religion or REL 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion

JST 411: Judaism and the Beginnings of Christianity (HU & H) or HEB 411: Judaism and the Beginnings of Christianity (HU & H) or REL 411: Judaism and the Beginnings of Christianity (HU & H)

JST 495: Judaism, Science and World Religions

REL 207: Ritual, Symbol, and Myth (L or HU)

REL 310: Western Religious Traditions (HU & H)

REL 385: Contemporary Western Religious Thought (HU)

- AFR 370: Family Ethnic and Cultural Diversity (SB & C)
- AFR 375: Race, Gender and Sport (SB & C)
- ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
- ARB 335: Arabic Culture and Islam (G)
- ARB 336: Introduction to the Qur'an (G)
- ARB 337: Hadith and Prophetic Tradition (HU & H & G)
- ARB 341: Quran Text and Women (HU & H)
- ARB 351: Classical Arabic Literature (HU & G)
- ARB 352: Modern Arabic Literature in Translation (HU & G)
- CRJ 100: Introduction to Criminal Justice (SB)
- ENG 315: Medieval Literature in Translation
- ENG 333: American Ethnic Literature
- ENG 356: The Bible as Literature (HU)
- ENG 364: Women and Literature (HU)
- GCU 328: Geography of Middle East and North Africa (SB & G)
- GER 315: Germanic Mythology (HU & G)
- GER 416: German Civilization (HU & H & G)
- GER 421: German Literature Survey, 800-1800 (HU)
- GER 422: German Literature Survey, 1800-Today (L or HU)
- GER 431: German Humor
- GER 441: Fairy Tales (HU & G)
- IAS 430: Science and Religion (L or HU)
- JUS 320: Community and Social Justice (SB & C)
- JUS 352: The Global Politics of Human Rights (SB & G)
- JUS 360: Law and Social Control (SB)
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 425: Race, Gender, and Justice ((L or SB) & C)
- JUS 430: Social Protest, Conflict, and Change ((L or SB) & C)

JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C)

JUS 467: Terrorism, War, and Justice (SB)

PHI 336: Social and Political Philosophy (HU)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion (HU) or GRK 362: Ancient Greek Religion (HU)

SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 434: Drama of the Golden Age

SPA 456: 20th-Century Spanish American Fiction

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

THP 482: Theatre for Social Change (C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Justice Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJUSBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 105: Introduction to Justice Studies (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Activate your Handshake account and build out your profile.
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 303: Justice Theory (L)	3	C	• Explore an internship.
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 301: Research in Justice Studies (SB)	3	C	• Develop your professional online presence. • JUS 301, 303, and 305 cannot be used for the JUS 300-level Elective.
JUS 3** Elective	3	C	
Upper Division Related Area Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 3** Elective	3	C	• JUS 301, 303, and 305 cannot be used for the JUS 300-level Elective. • JUS 484, 492, 498, and 499 cannot be used for the JUS 400-level Elective.
JUS 4** Elective	3	C	
Upper Division Related Area Course	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: JUS 4** Elective	6	C	• Gather professional references. • JUS 484, 492, 498, and 499 cannot be used for the JUS 400-level Elective.
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ JUS 4** Elective		3	C
Upper Division Related Area Course		3	C
Complete 2 courses: Upper Division Elective		6	
Elective		3	
	Term hours subtotal:	15	

- JUS 484, 492, 498, and 499 cannot be used for the JUS 400-level Elective.

- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR Upper Division Elective
AIS Upper Division Elective
APA Upper Division Elective
ARS Upper Division Elective
ASB Upper Division Elective
ASM Upper Division Elective
CDE Upper Division Elective
COM Upper Division Elective
CRJ Upper Division Elective
ECN Upper Division Elective
ENG Upper Division Elective
FAS Upper Division Elective
FMS Upper Division Elective
GCU Upper Division Elective
GPH Upper Division Elective
HST Upper Division Elective
IED Upper Division Elective
MHL Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective
REL Upper Division Elective

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Justice Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAJUSBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 105: Introduction to Justice Studies (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile.
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 3 - A 30 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 4 - A 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 303: Justice Theory (L)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 51 - 60 Credit Hours	Hours	Minimum Grade	Notes
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 301: Writing for the Professions (L)	3	C	• Explore an internship.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 5 - A 60 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 301: Research in Justice Studies (SB)	3	C	• Develop your professional online presence.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 67 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 3** Elective	3	C	• For the JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305.
Upper Division Related Area Course	3	C	
Elective	3		
Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal:	9

Term 6 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS 3** Elective	3	C	• For the JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305. • For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.
★ JUS 4** Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 82 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	8		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS 4** Elective	3	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. • Gather professional references.
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS 4** Elective	3	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS 4** Elective	3	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

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Hide Course List(s)/Track Group(s)

Related Area Courses
AFR Upper Division Elective
AIS Upper Division Elective
APA Upper Division Elective
ARS Upper Division Elective
ASB Upper Division Elective
ASM Upper Division Elective
CDE Upper Division Elective
COM Upper Division Elective
CRJ Upper Division Elective
ECN Upper Division Elective
ENG Upper Division Elective
FAS Upper Division Elective
FMS Upper Division Elective
GCU Upper Division Elective
GPH Upper Division Elective
HST Upper Division Elective
IED Upper Division Elective
MHL Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective
REL Upper Division Elective
SGS Upper Division Elective
SOC Upper Division Elective
SST Upper Division Elective
TCL Upper Division Elective
THE Upper Division Elective
WST Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Justice Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJUSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 105: Introduction to Justice Studies (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Activate your Handshake account and build out your profile.
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS Elective	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 303: Justice Theory (L)	3	C	• Explore an internship.
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	13		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 301: Research in Justice Studies (SB)	3	C	• For the JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305. • Develop your professional online presence.
JUS 3** Elective	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 302: Statistical Analysis for Justice Studies (CS)	3	C	• For the JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305.
JUS 3** Elective	3	C	
Upper Division Related Area Course	3	C	
Upper Division Science and Society Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: JUS 4** Elective	6	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. • Gather professional references.
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 4** Elective	3	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR Upper Division Elective
AIS Upper Division Elective
APA Upper Division Elective
ARS Upper Division Elective
ASB Upper Division Elective
ASM Upper Division Elective
CDE Upper Division Elective
COM Upper Division Elective
CRJ Upper Division Elective
ECN Upper Division Elective
ENG Upper Division Elective
FAS Upper Division Elective
FMS Upper Division Elective
GCU Upper Division Elective
GPH Upper Division Elective
HST Upper Division Elective
IED Upper Division Elective
MHL Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective
REL Upper Division Elective

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Justice Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAJUSBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 105: Introduction to Justice Studies (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile.
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 30 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS Elective	3	C	
Science and Society Elective	3	C	
Elective	3		

Term hours subtotal:	9

Term 3 - B 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 45 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
JUS 303: Justice Theory (L)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 301: Writing for the Professions (L)	3	C	• Explore an internship.
Elective	3		
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 301: Research in Justice Studies (SB)	3		• Develop your professional online presence.
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 302: Statistical Analysis for Justice Studies (CS)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 3** Elective	3	C	• For the JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305.
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
JUS 3** Elective	3	C	• For the JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305.
Upper Division Related Area Course	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	6	

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS 4** Elective	3	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.
Upper Division Related Area Course	3	C	
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS 4** Elective	3	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. • Gather professional references.
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS 4** Elective	3	C	• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• For the JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.
Elective	3		
Term hours subtotal:	6		

- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR Upper Division Elective

AIS Upper Division Elective

APA Upper Division Elective

ARS Upper Division Elective

ASB Upper Division Elective

ASM Upper Division Elective

CDE Upper Division Elective

COM Upper Division Elective

CRJ Upper Division Elective

ECN Upper Division Elective

ENG Upper Division Elective

FAS Upper Division Elective

FMS Upper Division Elective

GCU Upper Division Elective

GPH Upper Division Elective

HST Upper Division Elective

IED Upper Division Elective

MHL Upper Division Elective

PHI Upper Division Elective

POS Upper Division Elective

PSY Upper Division Elective

REL Upper Division Elective

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120 **General University Requirements Legend**

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mathematics, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS) OR CSE 100: Principles of Programming with C++ (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your Career Interest Communities and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Field	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU).
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Natural Science - Quantitative (SQ)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Maintain 2.50 GPA in Critical Tracking Courses.		
Term hours subtotal:	15	

- PHY 121 & PHY 122 and/or MSE 208 are recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements.

Term 4 45 - 61 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**
MAT 300: Mathematical Structures (L)	3	C
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Maintain 2.50 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

- Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.
- Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Develop your skills.

Term 5 61 - 77 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I	3	C
Complete 2 courses: Related Field	6	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Upper Division Elective	3	
Term hours subtotal:	16	

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.
- Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.

Term 6 77 - 91 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
Upper Division Additional Course in the Major (ACT, DAT, MAT or STP)	3	C
Related Field	2	C
Literacy and Critical Inquiry (L)	3	
Social-Behavioral Sciences (SB)	3	
Upper Division Elective OR MAT 484: Internship	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	14	

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success.
- Use Handshake to research employment opportunities.
- PHI 103 is recommended for the Literacy and Critical Inquiry (L) requirement.

Term 7 91 - 106 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
Complete 2 courses: Upper Division Additional Course in the Major (ACT, DAT, MAT or STP)	6	C

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.
- Develop your professional online presence.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Additional Course in the Major (ACT, DAT, MAT or STP)	4	C	
★ Additional Course in the Major (ACT, DAT, MAT or STP)	2	C	
Complete 3 courses: Upper Division Elective	8		
Term hours subtotal:	14		

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

Hide Course List(s)/Track Group(s)

Additional Course in the Major (ACT, DAT, MAT or STP)
ACT Upper Division Elective
DAT Upper Division Elective
MAT 243: Discrete Mathematical Structures
MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA)
MAT Upper Division Elective
STP 4** Elective

Related Field
ACT Upper Division Elective
AST Upper Division Elective
BCH 4** Elective
BME Upper Division Elective
CEE Upper Division Elective
CHE Elective
CHM 341: Elementary Physical Chemistry
CHM 343: Elementary Physical Chemistry Laboratory
CHM 345: Physical Chemistry I
CHM 346: Physical Chemistry II
CHM 348: Physical Chemistry Laboratory I (L)
CHM 349: Physical Chemistry Laboratory II (L)
CHM 453: Inorganic Chemistry
CHM 460: Biological Chemistry
CHM 471: Solid-State Chemistry
CIS 2** Elective
CIS Upper Division Elective

CSE Elective
DAT Upper Division Elective
ECN Upper Division Elective
EEE Elective
FIN Upper Division Elective
GLG 418: Geophysics
GLG 419: Geodynamics
GLG 470: Hydrogeology
GLG 481: Geochemistry
IEE Upper Division Elective
MAE Elective
MAT 243: Discrete Mathematical Structures
MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA)
MAT Upper Division Elective
MSE Elective
PHI 333: Symbolic Logic
PHI 413: Advanced Symbolic Logic
PHY 121: University Physics I: Mechanics (SQ)
PHY 122: University Physics Laboratory I (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)
PHY 132: University Physics Laboratory II (SQ)
PHY 150: Physics I (SQ)
PHY 151: Physics II (SQ)
PHY 2** Elective
PHY Upper Division Elective
STP Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mathematics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Elective	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	• Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation. • PHI 103 Principles of Sound Reasoning is recommended to satisfy the Literacy and Critical Inquiry (L) requirement. • Join a student club or professional organization.
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • PHY 121 & PHY 122 and/or MSE 208 is recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements.
MAT 275: Modern Differential Equations (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	2		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.			• Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU).
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 300: Mathematical Structures (L)	3	C	• Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Completion of MAT 300 with a B or better by the end of this term is strongly correlated with success in this major and meets prerequisites to continue with MAT 371 in the next term.
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
Science and Society Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 371: Advanced Calculus I	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • MAT 275 is highly recommended.
Upper Division Science and Society Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Additional Courses in the Major (ACT, DAT, MAT, STP)	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Develop your professional online presence.
Upper Division Depth Course	3	C	
Related Field	3	C	
Upper Division Elective OR MAT 484: Internship	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Additional Courses in the Major (ACT, DAT, MAT, STP)	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by an academic advisor in the School of Mathematical and Statistical Sciences. • Complete an in person or virtual practice interview.
Upper Division Advanced Courses	3	C	
Upper Division Depth Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ Upper Division Advanced Courses		3	C
Related Field		4	C
Complete 2 courses: Upper Division Elective		6	
	Term hours subtotal:	13	

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Upper-division MAT/STP courses should be taken through the Tempe campus unless approved by a SoMSS advisor.
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Advanced Courses	Depth Courses	Related Field
ACT 4** Elective	ACT 440: Long-Term Actuarial Mathematics I	ACT 410: Mathematics of Finance
DAT 401: Statistical Modeling and Inference for Data Science	ACT 441: Long-Term Actuarial Mathematics II	ACT 415: Probability for Risk Management
DAT 402: Machine Learning for Data Science	ACT 450: Actuarial Models and Modeling I	ACT 430: Mathematics of Financial Derivatives
MAT 372: Advanced Calculus II	ACT 451: Actuarial Models and Modeling II	ACT 450: Actuarial Models and Modeling I
MAT 410: Introduction to General Topology	MAT 410: Introduction to General Topology	ACT 451: Actuarial Models and Modeling II
MAT 412: Differential Geometry	MAT 412: Differential Geometry	BCH 4** Elective
MAT 415: Introduction to Combinatorics	MAT 415: Introduction to Combinatorics	BME Upper Division Elective
MAT 416: Graph Theory	MAT 416: Graph Theory	CEE Upper Division Elective
MAT 419: Introduction to Linear Optimization (CS)	MAT 423: Numerical Analysis I (CS)	CHE Elective
MAT 420: Scientific Computing	MAT 425: Numerical Analysis II (CS)	CHM 341: Elementary Physical Chemistry
MAT 421: Applied Computational Methods (CS)	MAT 442: Advanced Linear Algebra	CHM 343: Elementary Physical Chemistry Laboratory
MAT 423: Numerical Analysis I (CS)	MAT 444: Intermediate Abstract Algebra	CHM 345: Physical Chemistry I
MAT 425: Numerical Analysis II (CS)	MAT 447: Cryptography I	CHM 346: Physical Chemistry II
MAT 440: Group Theory	MAT 448: Cryptography II	CHM 348: Physical Chemistry Laboratory I (L)
MAT 441: Ring Theory	MAT 472: Intermediate Real Analysis I	CHM 349: Physical Chemistry Laboratory II (L)
MAT 442: Advanced Linear Algebra	MAT 473: Intermediate Real Analysis II	CHM 453: Inorganic Chemistry
MAT 443: Introduction to Abstract Algebra	MAT 475: Differential Equations	CHM 460: Biological Chemistry
MAT 444: Intermediate Abstract Algebra	MAT 476: Partial Differential Equations	CHM 471: Solid-State Chemistry
MAT 445: Theory of Numbers	STP 425: Stochastic Processes	CIS 2** Elective
MAT 447: Cryptography I	STP 427: Mathematical Statistics	CIS Upper Division Elective

MAT 448: Cryptography II

MAT 451: Mathematical Modeling (CS)

MAT 452: Introduction to Chaos and Nonlinear Dynamics

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 476: Partial Differential Equations

STP 420: Introductory Applied Statistics (CS)

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

Additional Course in the Major (ACT, DAT, MAT, STP)

ACT Upper Division Elective

DAT Upper Division Elective

MAT 243: Discrete Mathematical Structures

MAT Upper Division Elective

STP Upper Division Elective

CSE Elective

DAT Upper Division Elective

ECN Upper Division Elective

EEE Elective

FIN Upper Division Elective

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 470: Hydrogeology

GLG 481: Geochemistry

IEE Upper Division Elective

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics (SQ)

PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2** Elective

PHY Upper Division Elective

STP Upper Division Elective

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mathematics (Secondary Education), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATSBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 207: Algebra and Geometry in the High School	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
MTE 210: Mentored Tutoring Internship	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
TEL 111: Exploration of Education (SB)	3	C	
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 208: Discrete Mathematics for Secondary Teachers	3	C	
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Critical Tracking Courses.			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 3 32 - 49 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• Meet with your academic advisor to discuss a summer internship and/or Research Opportunities for Undergraduates (REU).
MTE 250: Technology and Mathematical Visualization	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G) AND Historical Awareness (H)	3		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Complete First-Year Composition requirement.		
Maintain 3.00 GPA in Critical Tracking Courses.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	17	

Term 4 49 - 64 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 300: Mathematical Structures (L)	3	C	• Apply for an Identity Verified Print (IVP) fingerprint clearance card. This is required by AZ state law for participation in internships in 6-12 grade schools. • Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
MAT 310: Introduction to Geometry	3	C	
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
MTE 320: Conceptual Foundations of 7-12 Mathematics Curricula and Assessment	3	C	
BLE 220: Foundations of Structured English Immersion (L)	3	C	
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 64 - 79 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 371: Advanced Calculus I	3	C	• Meet with your advisor early in the semester to discuss enrollment in Teachers College (TEL) courses for Term 6. There may be specific steps you need to follow, prior to enrolling in these courses, including verification that you have obtained an IVP fingerprint card. • Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
MTE 430: The Development of Mathematical Thinking	3	C	
STP 420: Introductory Applied Statistics (CS)	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
MAT OR STP Upper Division Elective (MAT 274 OR MAT 275 recommended)	3	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 79 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 415: Introduction to Combinatorics OR MAT 416: Graph Theory	3	C	• Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Build your professional connections -- join the ASU Mentor Network.
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
Upper Division Science and Society Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MTE 482: Methods of Teaching Mathematics in Secondary School	3	C	• While enrolled in TEL 477, you will be paired with a mentor teacher in a 6-12th
TEL 332: Disciplinary Literacy Methods	3	C	

★	TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
★	TEL 477: Internship: Advanced	2	C
	MAT 441: Ring Theory OR MAT 445: Theory of Numbers OR MAT 440: Group Theory	3	C
	Minimum 2.25 GPA ASU Cumulative.		
	Term hours subtotal:	14	

grade classroom. You will need to complete 75 hours over the semester. Reliable transportation is needed to get to school sites.
- Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College advisor to plan appropriately.
- Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Use Handshake to research employment opportunities.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	• Gather professional references. • Student teaching requires a full-time commitment in a 6-12th grade classroom for the semester.
TEL 471: Professional Educator Series: The Principled Educator	1		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Mathematics (Statistics), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATTBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CSE 110: Principles of Programming (CS)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Elective	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	• Join a student club or professional organization.
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor. • PHI 103 is recommended to satisfy the Literacy and Critical Inquiry (L) general studies requirement.
STP 420: Introductory Applied Statistics (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			

Maintain 3.00 GPA in Critical Tracking Courses.			• Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU).
	Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 300: Mathematical Structures (L)	3	C	• Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program. • STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor.
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
STP 429: Applied Regression (CS)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MAT 371: Advanced Calculus I	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor.
STP 421: Probability	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
STP 427: Mathematical Statistics	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor. • Develop your professional online presence. • Use Handshake to research employment opportunities.
MAT or STP Advanced Course	3	C	
Related Field Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR MAT 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division MAT or STP Advanced Course	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by a SoMSS advisor • Gather professional references.
Upper Division Science and Society Elective	3	C	
Related Field Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division MAT or STP Advanced Course	3	C	• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
Related Field Course	4	C	
Upper Division Elective	3		

Complete 2 courses: Elective		5
	Term hours subtotal:	15

- STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by an SoMSS advisor.
- Meet with your academic advisor for final degree check and apply for graduation through My ASU.
- Apply for full-time career opportunities.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Field Course	MAT or STP Advanced Course
ACT Upper Division Elective	ACT 430: Mathematics of Financial Derivatives
AST Upper Division Elective	ACT 435: Statistics for Risk Modeling
BCH 4** Elective	ACT 450: Actuarial Models and Modeling I
BME Upper Division Elective	ACT 451: Actuarial Models and Modeling II
CEE Upper Division Elective	MAT 275: Modern Differential Equations (MA)
CHE Elective	MAT 372: Advanced Calculus II
CHM 341: Elementary Physical Chemistry	MAT 420: Scientific Computing
CHM 343: Elementary Physical Chemistry Laboratory	MAT 421: Applied Computational Methods (CS)
CHM 345: Physical Chemistry I	MAT 423: Numerical Analysis I (CS)
CHM 346: Physical Chemistry II	MAT 442: Advanced Linear Algebra
CHM 348: Physical Chemistry Laboratory I (L)	MAT 472: Intermediate Real Analysis I
CHM 349: Physical Chemistry Laboratory II (L)	STP 4** Elective
CHM 453: Inorganic Chemistry	
CHM 460: Biological Chemistry	
CHM 471: Solid-State Chemistry	
CIS 2** Elective	
CIS Upper Division Elective	
CSE Elective	
DAT 301: Exploring Data in R and Python	
DAT 402: Machine Learning for Data Science	
ECN Upper Division Elective	
EEE Elective	

FIN Upper Division Elective

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 470: Hydrogeology

GLG 481: Geochemistry

IEE Upper Division Elective

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics (SQ)

PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2** Elective

PHY Upper Division Elective

STP Upper Division Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Microbiology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMICBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students. • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement. • Select your Career Interest Communities and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization • Activate your Handshake account and build out your profile • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 Session • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)	4	C	• Pre-health students should take CHM 233 and CHM 237 this term. See the pre-health website for more information • If CHM 231 and 235 are taken, then BCH 361 and 367 must be taken the following semester • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term.
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore Minors or Certificates

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade
BIO 340: General Genetics	4	C
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C
Literacy and Critical Inquiry (L)	3	
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	14	

- Pre-health students should take CHM 234 and CHM 238 this term. See the pre-health website for more information
- If CHM 231 and 235 were previously taken, then BCH 361 and 367 must be taken this term
- If CHM 233 and 237 were previously taken, then CHM 234 and 238 must be taken this term
- Meet with the Career & Professional Development Center to learn how to develop professional skills
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade
MIC 302: Advanced Bacteriology Laboratory (L)	2	C
MIC 360: Bacterial Physiology	3	C
PHY 101: Introduction to Physics (SQ)	4	C
Upper Division Additional Major Requirements	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Term hours subtotal:	15	

- Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See the pre-health website for more information
- Meet with your advisor to discuss ways to maximize your remaining time at ASU
- Two lab courses are required and may be fulfilled by course requirements in other areas
- Thinking about graduate school? Consider registering for a grad school test prep course.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade
Upper Division Microbiology/Immunology Major Electives	3-4	C
Upper Division Additional Major Requirements	3	C
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3	
Complete 2 courses: Elective	6	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15-16	

- Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information
- Students must complete one upper-division elective from the list of Microbiology/Immunology Electives and one upper-division elective from the list of General Biology Electives.
- Explore graduate school or full-time employment opportunities

Term 7 90 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade
MIC 401: Research Paper (L)	1	C

Upper Division Additional Major Requirements	3	C
Upper Division Science and Society Elective	3	C
Complete 3 courses: Upper Division Elective	9	
Term hours subtotal:	16	

- MIC 401 requires the completion of an individualized instruction form and meeting with a faculty reader before the semester begins
- Apply for full-time career opportunities
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division General Biology Major Electives	3-4	C	• Continue to apply for full-time career opportunities or graduate school
Complete 2 courses: Upper Division Elective	5		
Complete 2 courses: Elective	6		
Term hours subtotal:	14-15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

General Biology Major Electives
BIO 302: Cancer--Mother of All Diseases (L)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 320: Fundamentals of Ecology
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)
BIO 345: Evolution
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)
BMI 465: Introduction to Comparative Genomics

Microbiology/Immunology Major Electives
MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics
MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab
MIC 314: HIV/AIDS: Science, Behavior, and Society
MIC 379: Medical Bacteriology
MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations
MIC 421: Experimental Immunology
MIC 441: Bacterial Genetics
MIC 442: Bacterial Genetics Laboratory
MIC 484: Internship
MIC 485: General Virology

Additional Major Requirements
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study
BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research
MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics
MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab
MIC 421: Experimental Immunology
MIC 425: Advanced Immunology
MIC 441: Bacterial Genetics
MIC 442: Bacterial Genetics Laboratory

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Microbiology (Medical Microbiology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMICMBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students. • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement. • Select your Career Interest Communities and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization. • Activate your Handshake account and build out your profile. • Attend a Pre-Health 101 Session. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)	4	C	• Pre-health students should take CHM 233 and CHM 237 this term. See the pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester. • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- Attend a Study Abroad 101 Session.
- Explore minors or certificates.

Term 4 46 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	• Pre-health students should take CHM 234 and CHM 238 this term instead of an Elective. See the pre-health website for more information. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	4		
Term hours subtotal:	17		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 353: Cell Biology	3	C	• Pre-health students should take PHY 111 and 113 instead of PHY 101 this term. See the pre-health website for more information. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad).
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
PHY 101: Introduction to Physics (SQ)	4	C	
Upper Division Elective	4		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: BIO 360: Animal Physiology OR HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) OR MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society OR MIC 421: Experimental Immunology OR MIC 379: Medical Bacteriology OR MIC 485: General Virology	5-6	C	• BIO 312 or BIO 416 will satisfy the upper-division Science and Society requirement for The College of Liberal Arts and Sciences. • Pre-health students should take PHY 112 and 114 instead of an Elective this term. See the pre-health website for more information. • Courses from the Microbes and Biomedicine groups must include at least one course from each category and at least one lab course. • Explore graduate school or full-time career opportunities.
BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L)	3		
Microbes or Biomedicine Course	4-2	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-14		

Term 7 93 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MIC 401: Research Paper (L)	1	C	• MIC 401 requires the completion of an individualized instruction form and meeting with a faculty reader before the semester begins. • Courses from the Microbes and Biomedicine groups must include one lab course • Thinking about graduate school? Consider registering for a grad school test prep course. • Use Handshake to research employment opportunities.
Microbes or Biomedicine Course	2-4	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12-14		

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MIC 420: Immunology: Molecular and Cellular Foundations OR BIO 420: Immunology: Molecular and Cellular Foundations	3		• Continue to apply for full-time career opportunities or graduate school.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Biomedicine
ASB 462: Medical Anthropology: Culture and Health (SB & C)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)
BIO 345: Evolution
BIO 351: Developmental Biology
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
MIC 445: Techniques in Molecular Biology/Genetics or MBB 445: Techniques in Molecular Biology/Genetics
MIC 446: Techniques in Molecular Biology/Genetics Lab or MBB 446: Techniques in Molecular Biology/Genetics Lab
MIC 494: Biotechnology Viruses as Tools or BIO 494: Biotechnology Viruses as Tools
MIC 494: Novel Models for Host-Microbe Interactions

Microbes
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship
BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study
BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research
MIC 302: Advanced Bacteriology Laboratory (L)
MIC 314: HIV/AIDS: Science, Behavior, and Society
MIC 360: Bacterial Physiology
MIC 379: Medical Bacteriology
MIC 425: Advanced Immunology
MIC 441: Bacterial Genetics
MIC 442: Bacterial Genetics Laboratory
MIC 485: General Virology
MIC 494: Human Pathogenic Viruses

Notes:

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    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Molecular Biosciences and Biotechnology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMBBBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students. • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement. • Select your Career Interest Communities and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Join a student organization. • Activate your Handshake account and build out your profile. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 Session. • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement.
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 32 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MBB 347: Molecular Genetics: From Genes to Proteins	4	C	• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term.
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore minors or certificates

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MBB 343: Genetic Engineering and Society (L)	4	C	• Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • MBB 343 will be used to satisfy the upper-division Science and Society requirement for The College. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MBB 484: Internship OR MBB 492: Honors Directed Study OR MBB 495: Undergraduate Research	3	C	• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101. See pre-health website for more information. • MBB 484 or MBB 492 or MBB 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad). • Thinking about graduate school? Consider registering for a grad school test prep course.
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MBB 484: Internship OR MBB 492: Honors Directed Study OR MBB 495: Undergraduate Research	3	C	• Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health website for more information. • MBB 484 or MBB 492 or MBB 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own.
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
Upper Division Elective	3		
Elective	4		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

- Use Handshake to research employment opportunities.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MBB 490: Capstone: Issues in Biotechnology (L)	2	C	• MBB 490 is a fall only course and can be taken before or after MBB 491 in a student's final year. • Explore or apply for full-time career opportunities or graduate school. • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8.
Upper Division Major Electives	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	7		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MBB 491: Capstone: Issues in Molecular Biosciences (L)	2	C	• MBB 491 is a spring only course and can be taken before or after MBB 490 in a student's final year. • Continue to apply for full-time career opportunities or graduate school.
Upper Division Major Electives	4	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Electives
BIO 308: Plant Physiology
BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)
BIO 357: Cell and Molecular Biology Laboratory
BIO 415: Statistical Models for Biology (CS)
BIO 439: Computing for Research
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
BIO 494: Biotechnology Viruses as Tools
MBB 350: Applied Genetics
MBB 440: Functional Genomics or BIO 440: Functional Genomics

MBB 445: Techniques in Molecular Biology/Genetics AND MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 445: Techniques in Molecular Biology/Genetics AND MIC 446: Techniques in Molecular Biology/Genetics Lab

MIC 302: Advanced Bacteriology Laboratory (L)

MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations AND MIC 421: Experimental Immunology

MIC 441: Bacterial Genetics AND MIC 442: Bacterial Genetics Laboratory

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Neuroscience, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABMENBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Students who test into MAT 251 or MAT 270 should enroll in that course in Term 1. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU. • Join a student club or professional organization.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
NEU 101: Introduction to Neuroscience	3	C	
BIO 181: General Biology I (SQ)	4	C	
Mathematics (MA)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• MAT 251 or MAT 270 may require prerequisites which should be taken in Term 1. • Secure a part-time job or volunteer experience.
BIO 182: General Biology II (SG)	4	C	
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	• Explore an internship. • Pursue research opportunities.
NEU 290: Data Science for Neuroscience Majors	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Term hours subtotal:	16

Term 4 46 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	
Science and Society Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology	3	C	• The College of Liberal Arts and Sciences' Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) major coursework must be completed through courses offered by The College of Liberal Arts and Sciences.
NEU 310: Fundamentals of Cognitive Neuroscience	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 476: Cellular and Molecular Neuroscience	3	C	• Use Handshake to research employment opportunities • Draft a resume • Gather professional references
Complete 2 courses: Upper Division Major Electives	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NEU 325: Biopsychology OR BIO 477: Systems and Behavioral Neuroscience	3	C	• Apply for graduate school.
Complete 2 courses: Upper Division Major Electives	6	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Major Electives	6	C	• Apply for full-time career opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	4-6		
Term hours subtotal:	13-15		

- A total of 18 credit hours is required from the major electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Behavioral Neuroscience
NEU 307: Your Brain on Drugs
NEU 394: Neuroscience of Learning and Motivation
NEU 494: Anatomy of the Nervous System
NEU 494: Brain and Emotion
NEU 494: Developmental and Behavioral Neuroendocrinology
NEU 494: Neural Basis of Learning and Memory
NEU 494: Neuroeconomics
NEU 494: Neuropharmacology of Psychiatric Medications

Cellular and Molecular Neuroscience
BIO 327: Evolution of Human Behavior
BIO 331: Animal Behavior
BIO 435: Research Techniques in Animal Behavior
BIO 436: Sociobiology and Behavioral Ecology
BIO 465: Neurophysiology
BIO 494: Biotechnology Viruses as Tools
BIO 494: Genetics and Genomics of Behavior
BIO 494: Neurobiology of Attachment
BIO 498: Neural Development

Cognitive Neuroscience
NEU 394: Neuroimaging Methods
NEU 394: Neuroscience of Perception
NEU 494: Cognitive Neuroscience of Memory
NEU 494: Neuroscience of Social Cognition
NEU 494: Visual Cognitive Neuroscience
SHS 367: Language Science (SB)
SHS 485: Acquired Speech and Language Disorders
SHS 494: Health Neuroscience

Systems and Computational Neuroscience
BIO 355: Introduction to Computational Molecular Biology (CS)
BIO 439: Computing for Research
BIO 494: Data Analysis in Neuroscience
BME 316: Biomechanics for Biomedical Engineers
BME 350: Signals and Systems for Bioengineers
BME 360: Control in Biological Systems
BME 416: Advanced Biomechanics
BME 465: Magnetic Resonance Imaging
KIN 424: Neural Aspects of Movement and Rehabilitation
MAT 451: Mathematical Modeling (CS)
MAT 494: Mathematical Neuroscience
SHS 310: Anatomical and Physiological Bases of Speech
SHS 311: Hearing Science

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Neuroscience, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LABMENBS

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-LA: The ASU Experience	1		
BIO 181: General Biology I (SQ)	4	C	
Term hours subtotal:	8		

Term 1 - B 8 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NEU 101: Introduction to Neuroscience	3	C	• Students who test into MAT 251 or MAT 270 should enroll in that course in Term 1. • View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU. • Join a student club or professional organization.
Mathematics (MA)	3	C	
Term hours subtotal:	6		

Term 2 - A 14 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
BIO 182: General Biology II (SG)	4	C	
Term hours subtotal:	7		

Term 2 - B 21 - 27 Credit Hours	Hours	Minimum Grade	Notes
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	• MAT 251 or MAT 270 may require prerequisites which should be taken in Term 1. • Participate in a volunteer experience.
PSY 101: Introduction to Psychology (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 27 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		• Take advantage of online tutoring resources.
Term hours subtotal:	7		

Term 3 - B 34 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NEU 290: Data Science for Neuroscience Majors	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		

Term 4 - A 40 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	
Science and Society Elective	3	C	
Term hours subtotal:	7		

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Participate in an internship
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 53 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NEU 310: Fundamentals of Cognitive Neuroscience	3	C	• The College of Liberal Arts and Sciences' Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) track coursework must be completed through courses offered by The College of Liberal Arts and Sciences.
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 59 - 65 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology	3	C	• A total of 18 credit hours is required from the major electives. • Take advantage of career resources.
Upper Division Major Electives	3	C	
Term hours subtotal:	6		

Term 6 - A 65 - 71 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 476: Cellular and Molecular Neuroscience	3	C	• Draft a resume
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - B 71 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NEU 325: Biopsychology OR BIO 477: Systems and Behavioral Neuroscience	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal:	6

Term 7 - A 77 - 83 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Electives	3	C	• Use Handshake to research employment opportunities
Elective	3		
Term hours subtotal:	6		

Term 7 - B 83 - 89 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 89 - 95 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Upper Division Major Electives	6	C	
Term hours subtotal:	6		

Term 8 - B 95 - 101 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Gather professional references
Elective	3		
Term hours subtotal:	6		

Term 9 - A 101 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Electives	3	C	• Apply for graduate school
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 107 - 113 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 10 - A 113 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Electives	3	C	• Apply for full-time career opportunities
Elective	4		
Term hours subtotal:	7		

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  - A total of 18 credit hours is required from the major electives.
  - All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be

upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Behavioral Neuroscience
NEU 307: Your Brain on Drugs
NEU 394: Neuroscience of Learning and Motivation
NEU 494: Anatomy of the Nervous System
NEU 494: Brain and Emotion

Cellular and Molecular Neuroscience
BIO 331: Animal Behavior

Cognitive Neuroscience
NEU 394: Neuroimaging Methods
NEU 394: Neuroscience of Perception
NEU 494: Cognitive Neuroscience of Memory
SHS 367: Language Science (SB)
SHS 485: Acquired Speech and Language Disorders

Systems and Computational Neuroscience
BIO 439: Computing for Research
SHS 310: Anatomical and Physiological Bases of Speech

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Philosophy, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHIBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
PHI Elective	3	C	
Elective	2		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied through other coursework.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		• Explore opportunities to study abroad.
Elective	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 103: Principles of Sound Reasoning (L or HU)	3	C	• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 300: Philosophical Argument and Exposition (L)	3	C	• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied with major courses. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Upper Division History of Philosophy	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Upper Division Elective OR PHI 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 333: Symbolic Logic OR PHI 413: Advanced Symbolic Logic	3	C	• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. • Explore graduate school opportunities. • If planning to attend law school, prepare to take the LSAT.
Upper Division History of Philosophy	3	C	
PHI 313: Probability, Evidence, and Decision OR PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU)	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
4** Philosophy Seminar Course	3	C	• Use Handshake to research employment opportunities.
PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics	3	C	

Upper Division Elective	3	• Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Complete 2 courses: Elective	6	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 331: Philosophy of Language (HU) OR PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU)	3	C	• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for full-time career opportunities.
★ 4** Philosophy Seminar Course	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.
- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

History of Philosophy	Philosophy Seminar Course
PHI 304: Existentialism (HU)	PHI 401: Rationalism
PHI 328: History of Ancient Philosophy (HU & H)	PHI 402: Empiricism (HU)
PHI 329: History of Modern Philosophy (HU & H)	PHI 403: Contemporary Analytic Philosophy (HU)
PHI 401: Rationalism	PHI 405: Moral Psychology
PHI 402: Empiricism (HU)	PHI 408: Feminist Ethics (HU)
PHI 403: Contemporary Analytic Philosophy (HU)	PHI 413: Advanced Symbolic Logic
	PHI 420: Topics in Philosophy

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Philosophy, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAPHIBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 6 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
Elective	2		
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• View ASU Online first-year student registration information here.
PHI Elective	3	C	
Term hours subtotal:	6		

Term 2 - A 12 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 19 - 26 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• If interested in law school, review the Pre-Law at ASU website.
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Term hours subtotal:	7	

Term 3 - B 33 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied through other coursework. • Explore opportunities to study abroad. Online students are eligible and encouraged to participate!
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	7		

Term 4 - A 40 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 103: Principles of Sound Reasoning (L or HU)	3	C	• Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
Elective	3		
Term hours subtotal:	6		

Term 5 - A 53 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 300: Philosophical Argument and Exposition (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 5 - B 59 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 304: Existentialism (HU) OR PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) OR PHI 403: Contemporary Analytic Philosophy (HU)	3	C	• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - A 66 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 304: Existentialism (HU) OR PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) OR PHI 403: Contemporary Analytic Philosophy (HU)	3	C	

Historical Awareness (H)	3		• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. • If Historical Awareness (H) is already being satisfied by PHI 328, PHI 329, or another course, choose an elective instead.
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU)	3	C	• If planning on law school, prepare to take the LSAT.
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 333: Symbolic Logic	3	C	• Explore graduate school opportunities.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics	3	C	• View career webinars offered by Career and Professional Development Services.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Use Handshake to research employment opportunities.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy	3	C	• PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes

Complete 2 courses:

Upper Division Elective	6		• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy	3	C	• PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.
Upper Division Elective	3		• Apply for full-time career opportunities.
Term hours subtotal:	6		

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Philosophy (Morality, Politics and Law), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHIMPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	2		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• If planning to take PHI 333: Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333. • Explore opportunities to study abroad.
PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • If interested in law school, review the Pre-Law at ASU website. • Join a student club or professional organization.
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 4 46 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• If interested in law school, make an appointment with the pre-law advisor. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
PHI 300: Philosophical Argument and Exposition (L)	3	C	• Please see "Politics" course list below. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Upper Division History of Philosophy	3	C	
Politics Course	3	C	
Upper Division Elective	3		
Elective OR PHI 484: Internship	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU)	3	C	• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. • If planning on law school, prepare to take the LSAT. • Explore graduate school opportunities. • If Humanities, Arts and Design (HU) and Historical Awareness (H) requirements have already been satisfied through major courses, choose an elective instead.
Upper Division Epistemology, Metaphysics, or Logic Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
PHI 307: Philosophy of Law (HU) OR PHI 347: Philosophical Theories of Constitutional Law	3	C	• Please see "Ethics" course list below.

★ 4** Philosophy Seminar Course		3	C
Upper Division Ethics Course		3	C
Complete 2 courses: Upper Division Elective		6	
	Term hours subtotal:	15	

- Use Handshake to research employment opportunities.
- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ 4** Philosophy Seminar Course	3	C	• Please see "Law" course list below. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for full-time career opportunities.
★ Upper Division Law Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

History of Philosophy
PHI 304: Existentialism (HU)
PHI 328: History of Ancient Philosophy (HU & H)
PHI 329: History of Modern Philosophy (HU & H)
PHI 401: Rationalism
PHI 402: Empiricism (HU)
PHI 403: Contemporary Analytic Philosophy (HU)

Epistemology, Metaphysics, or Logic
PHI 330: Theory of Knowledge (HU)
PHI 331: Philosophy of Language (HU)
PHI 332: Metaphysics (HU)
PHI 333: Symbolic Logic
PHI 334: Philosophy of Mind (HU)

Ethics
PHI 306: Applied Ethics (HU)
PHI 310: Environmental Ethics (HU)
PHI 320: Bioethics (HU)
PHI 335: History of Ethics (HU)
PHI 337: Ethical Theory (HU)
PHI 338: Metaethics
PHI 370: Sports Ethics (HU)
PHI 405: Moral Psychology
PHI 408: Feminist Ethics (HU)
REL 381: Religion and Moral Issues (L or HU)

Law
HST 321: Constitutional History/US to 1865 (SB & H)
HST 322: Constitutional History of the United States Since 1865 (H)
HST 323: Historical Studies in Race, Crime, and the Law
JUS 303: Justice Theory (L)
JUS 308: Courts and Society
JUS 360: Law and Social Control (SB)

Politics
HST 315: Political History of the U. S. (SB & H)
HST 317: History of Postwar U.S. Conservatism or POS 317: History of Postwar U.S. Conservatism
HST 414: Political History and Leadership or POS 414: Political History and Leadership
PHI 336: Social and Political Philosophy (HU)
POS 210: Political Ideologies (SB)

Philosophy Seminar Course
PHI 401: Rationalism
PHI 402: Empiricism (HU)
PHI 403: Contemporary Analytic Philosophy (HU)
PHI 405: Moral Psychology
PHI 408: Feminist Ethics (HU)
PHI 413: Advanced Symbolic Logic
PHI 420: Topics in Philosophy

JUS 410: Punishment: Logic and Approach

JUS 463: Discretionary Justice (SB)

JUS 465: Death Penalty in the United States (L)

PHI 307: Philosophy of Law (HU)

PHI 347: Philosophical Theories of Constitutional Law

POS 370: Law and Society (SB)

POS 465: International Organization and Law (SB & G)

POS 470: Law and the Political Order (SB)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

POS 340: History of Political Philosophy I (HU & H)

POS 341: History of Political Philosophy II (HU & H)

POS 346: Problems of Democracy (HU)

POS 368: Ethics and Human Rights

POS 442: American Political Thought (HU)

REL 319: Religion, Violence and America

REL 378: Religion, War and Peace (L)

REL 388: Religion, Ethics, and International Politics or POS 388: Religion, Ethics, and International Politics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Philosophy (Morality, Politics and Law), BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAPHIMPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 6 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
Elective	2		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
MAT 142: College Mathematics (MA)	3	C	• Taking a Social-Behavioral Sciences (SB) course that also satisfies Global Awareness (G) is suggested. • View ASU Online first-year student registration information here.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 2 - A 12 - 19 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU)	3	C	• If planning to take PHI 333 Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	7	

second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.

- If interested in law school, review the Pre-Law at ASU website.

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	3		
Term hours subtotal:	7		

Term 3 - B 33 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Explore opportunities to study abroad. Online students are eligible and encouraged to participate!
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	7		

Term 4 - A 40 - 47 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	7		

Term 4 - B 47 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 300: Philosophical Argument and Exposition (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ PHI 304: Existentialism (HU) OR PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) OR PHI 403: Contemporary Analytic Philosophy (HU)	3	C	• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. • If Historical Awareness (H) is already being satisfied by PHI 328, PHI 329, or another course, choose an elective instead.
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU)	3	C	• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 330: Theory of Knowledge (HU) OR PHI 332: Metaphysics (HU) OR PHI 333: Symbolic Logic OR PHI 334: Philosophy of Mind (HU)	3	C	• If planning on law school, prepare to take the LSAT.
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
Politics Course	3	C	• Please see "Politics" course list below. • Explore graduate school opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 307: Philosophy of Law (HU)	3	C	• View career webinars offered by Career and Professional Development Services.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy	3	C	• PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Law Course	3	C	• Please see "Law" course list below.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Ethics Course	3	C	• Please see "Ethics" course list below.

Elective	3		• Use Handshake to research employment opportunities.
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy	3	C	• PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Ethics	Law	Politics
PHI 306: Applied Ethics (HU)	JUS 303: Justice Theory (L)	PHI 336: Social and Political Philosophy (HU)
PHI 310: Environmental Ethics (HU)	JUS 308: Courts and Society	POS 210: Political Ideologies (SB)
PHI 320: Bioethics (HU)	JUS 360: Law and Social Control (SB)	POS 340: History of Political Philosophy I (HU & H)
PHI 335: History of Ethics (HU)	POS 370: Law and Society (SB)	POS 346: Problems of Democracy (HU)
PHI 337: Ethical Theory (HU)	POS 465: International Organization and Law (SB & G)	POS 368: Ethics and Human Rights
PHI 338: Metaethics	POS 471: Constitutional Law I (SB)	POS 442: American Political Thought (HU)
REL 381: Religion and Moral Issues (L or HU)	POS 472: Constitutional Law II (SB)	REL 388: Religion, Ethics, and International Politics or POS 388: Religion, Ethics, and International Politics

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Philosophy (Science, Nature and Mind), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHISNMBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete 2 courses: Elective	5		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Explore opportunities to study abroad. • Join a student club or professional organization. • Activate your Handshake account and build out your profile. • If interested in a health career, attend a Pre-Health 101 workshop.
PHI 103: Principles of Sound Reasoning (L or HU)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Choosing a Humanities (HU) course that also satisfies the Historical Awareness (H) requirement is recommended.
Computer/Statistics/Quantitative Applications (CS)	3		

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Elective	3	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- If interested in a health career, review the Pre-Health website.
- If interested in law school, review the Pre-Law website.
- If planning on a health career, choose electives that satisfy medical or dental school requirements for admission.

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

- Choosing a Social Behavioral Sciences (SB) course that also satisfies the Global Awareness (G) requirement is recommended if these requirements have not already been satisfied.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
- If interested in a health career, make an appointment with a pre-health advisor.
- If interested in law school, make an appointment with the pre-law advisor.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 300: Philosophical Argument and Exposition (L)	3	C	
PHI 314: Philosophy of Science (HU)	3	C	
Upper Division History of Philosophy Course	3	C	
Upper Division Elective OR PHI 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

- Please see "History of Philosophy" course list below.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- If planning on a health career, prepare to take entrance exams for professional school.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHI 333: Symbolic Logic OR PHI 413: Advanced Symbolic Logic	3	C	
PHI 334: Philosophy of Mind (HU)	3	C	
Mind Course OR Science and Nature Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Please see "Mind" and "Science and Nature" course lists below.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
- If planning on law school, prepare to take the LSAT.
- Thinking about graduate school? Consider registering for a grad school test prep course.

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
4** Philosophy Seminar Course	3	C	

Upper Division Science and Nature Course	3	C
Complete 2 courses: Upper Division Elective	6	
Elective	3	
Term hours subtotal:	15	

- Please see "Science and Nature" course list below.
- Use Handshake to research employment opportunities.
- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade
★ 4** Philosophy Seminar Course	3	C
Upper Division Mind Course	3	C
Upper Division Elective	3	
Complete 2 courses: Elective	6	
Term hours subtotal:	15	

Notes

- Please see "Mind" course list below.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for full-time career opportunities.

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

History of Philosophy
PHI 304: Existentialism (HU)
PHI 328: History of Ancient Philosophy (HU & H)
PHI 329: History of Modern Philosophy (HU & H)
PHI 401: Rationalism
PHI 402: Empiricism (HU)
PHI 403: Contemporary Analytic Philosophy (HU)

Mind
IAS 410: Evolution of Ideas (L or HU)
PHI 313: Probability, Evidence, and Decision or HPS 313: Probability, Evidence, and Decision
PHI 319: Philosophy, Computing and Artificial Intelligence (CS)
PHI 330: Theory of Knowledge (HU)
PHI 331: Philosophy of Language (HU)
PHI 405: Moral Psychology
PSY 224: Introduction to Cognitive Neuroscience
PSY 323: Sensation and Perception
PSY 324: Memory and Cognition
PSY 341: Developmental Psychology (SB)
PSY 434: Cognitive Psychology (L)

Science and Nature
FIS 331: Technology and the Modern World
HPS 322: History of Science I (HU & H)
HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)
HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)
HPS 349: Nature, Sustainability and Religion or JST 349: Nature, Sustainability and Religion or REL 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion
HST 345: Environmental History (L)
MAT 411: History and Philosophy of Mathematics (HU & H)
PHI 310: Environmental Ethics (HU) or BIO 324: Environmental Ethics (HU)
PHI 320: Bioethics (HU) or BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU)
PHI 322: History and Philosophy of Sustainability or HST 308: History and Philosophy of Sustainability or SOS 309: History and Philosophy of Sustainability
PHI 325: Philosophy of Social Science (HU or SB)

PHI 332: Metaphysics (HU)
PHI 409: Eco-Community Ethics (HU) or IAS 409: Eco-Community Ethics (HU)
SOC 334: Technology and Society (L or SB) or ASB 344: Technology and Society (L or SB)
SOS 310: Equity, Justice and Sustainability
STS 302: Philosophy of Science and Technology (SB)
STS 303: History of Science and Technology (H)
STS 306: Social Effects of Science and Technology (SB)
STS 331: Ethical Issues in Science and Technology (SB)
WST 340: Gender, Science, and Technology (SB)

Philosophy Seminar Course
PHI 401: Rationalism
PHI 402: Empiricism (HU)
PHI 403: Contemporary Analytic Philosophy (HU)
PHI 405: Moral Psychology
PHI 408: Feminist Ethics (HU)
PHI 413: Advanced Symbolic Logic
PHI 420: Topics in Philosophy

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Physics, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHYBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	3-4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • CHM 114 may be taken in place of CHM 113. • Select your career interest communities and play me3@ASU.
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-15		

Term 2 14 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	3-4	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Join a student club or professional organization.
PHY 150: Physics I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-15		

Term 3 28 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	3-4	C	

PHY 151: Physics II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Maintain 2.00 GPA in Critical Tracking Courses.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14-15	

Term 4 42 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 201: Mathematical Methods in Physics I (CS)	3	C	• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Complete an in person or virtual practice interview.
PHY 252: Physics III (SQ) OR PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	17		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 302: Mathematical Methods in Physics II	3	C	
PHY 310: Classical Particles, Fields, and Matter I	3	C	
PHY 314: Quantum Physics I	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 311: Classical Particles, Fields, and Matter II	3	C	• Use Handshake to research employment opportunities.
Upper Division Physics Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Physics Elective	3	C	
Complete 4 courses:			

Upper Division Elective	12	
Term hours subtotal:	15	

- Courses other than those in the track list below must be approved by the academic advisor in Physics.
- Meet with your academic advisor for a final degree check before registering for your final semester.
- Develop your professional online presence.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Literacy and Critical Inquiry (L)	3		• Apply for graduation through My ASU. • Apply for full-time career opportunities.
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Physics Elective
PHY 315: Quantum Physics II
PHY 333: Electronic Circuits and Measurements
PHY 334: Advanced Laboratory I (L)
PHY 361: Introductory Modern Physics
PHY 432: Computational Methods in Physics
PHY 452: Physical Optics
PHY 462: Particle and Nuclear Physics
PHY 480: Methods of Teaching Physics
PHY 481: Materials Physics I
PHY 494: Special Topics
PHY 495: Project Research
PHY 498: Pro-Seminar

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Physics, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAPHYBA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• ASU Language Placement: Only those students with no experience with the language may take a 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned. • Join a student club or professional organization.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 2 - B 20 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal:	8

Term 3 - A 28 - 35 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 267: Calculus for Engineers III (MA)	3	C	• Review the Career Guide for ASU Online students to learn about available career planning resources.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 35 - 43 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 43 - 50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	• Register for a Handshake account and participate in virtual career advising.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 4 - B 50 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 201: Mathematical Methods in Physics I (CS)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 59 - 68 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 302: Mathematical Methods in Physics II	3	C	• Complete an in person or virtual practice interview.
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - B 68 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 314: Quantum Physics I	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 6 - A 74 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 310: Classical Particles, Fields, and Matter I	3	C	• Develop your professional online presence • CHM 114 may be taken in place of CHM 113
CHM 113: General Chemistry I (SQ)	4	C	
Term hours subtotal:	7		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 311: Classical Particles, Fields, and Matter II	3	C	
★ Upper Division Literacy and Critical Inquiry (L) (PHY 334 recommended)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Physics Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Physics Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Elective	9		• Apply for full-time positions.
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Upper Division Physics Electives

- PHY 315: Quantum Physics II
- PHY 333: Electronic Circuits and Measurements
- PHY 334: Advanced Laboratory I (L)
- PHY 361: Introductory Modern Physics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Physics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHYBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • MAT 270 is recommended. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-13		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	• MAT 271 is recommended • PHY 150 is recommended • Join a student club or professional organization
PHY 150: Physics I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16-15		

Term 3 30 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	4-3	C	• MAT 272 is recommended • PHY 151 is recommended • Take a look at internship or research opportunities
PHY 151: Physics II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	

Science and Society Elective	3	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Maintain 2.50 GPA in Critical Tracking Courses.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	17-16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 201: Mathematical Methods in Physics I (CS)	3	C	• PHY 252 is recommended. • Activate your Handshake account and build out your profile.
PHY 252: Physics III (SQ) OR PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 302: Mathematical Methods in Physics II	3	C	• Prepare for a career or graduate school. • Create a first draft resume.
PHY 310: Classical Particles, Fields, and Matter I	3	C	
PHY 314: Quantum Physics I	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 311: Classical Particles, Fields, and Matter II	3	C	• Explore graduate programs • Prepare for the graduate school exams
PHY 315: Quantum Physics II	3	C	
PHY 334: Advanced Laboratory I (L)	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Elective OR PHY 484: Internship	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 412: Classical Particles, Fields, and Matter III OR PHY 416: Quantum Physics III	3	C	• Develop your professional online presence
PHY 441: Statistical and Thermal Physics	3	C	
PHY 333: Electronic Circuits and Measurements OR PHY 465: Advanced Laboratory II	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY Upper Division Elective	3	C	• Apply for full-time careers
Complete 3 courses: Elective	9		
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Physics, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAPHYBS

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Select your career interest area and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 265: Calculus for Engineers I (MA)	3	C	• View ASU Online first-year student registration information here.
Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 266: Calculus for Engineers II (MA)	3	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 28 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	9		

Term 3 - A 28 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

MAT 267: Calculus for Engineers III (MA)	3	C
Science and Society Elective	3	C
Elective	3	
Term hours subtotal:	9	

- Review the Career Guide for ASU Online students to learn about available career planning resources.

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

- Register for a Handshake account and participate in virtual career advising.

Term 4 - B 51 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHY 201: Mathematical Methods in Physics I (CS)	3	C	
Complete 2 courses: Elective	6		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	9		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 302: Mathematical Methods in Physics II	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

- Build your professional connections by joining the ASU Mentor Network.

Term 5 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 314: Quantum Physics I	3	C	
PHY 334: Advanced Laboratory I (L)	3	C	
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 310: Classical Particles, Fields, and Matter I	3	C	
PHY 315: Quantum Physics II	3	C	
Term hours subtotal:	6		

- Develop your professional online presence.

Term 6 - B 81 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PHY 311: Classical Particles, Fields, and Matter II	3	C	

	Upper Division Science and Society Elective	3	C
	Upper Division Elective OR PHY 484: Internship	3	
★	Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
	Term hours subtotal:	9	

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 441: Statistical and Thermal Physics	3	C	• Create a resume • Complete a virtual practice interview
Elective	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 412: Classical Particles, Fields, and Matter III	3	C	
PHY 333: Electronic Circuits and Measurements OR PHY 465: Advanced Laboratory II	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY Upper Division Elective	3	C	• Apply for full-time career opportunities
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Political Science, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPOSBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• Join a student club or professional organization. • Create a first draft resume. • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 210: Political Ideologies (SB)	3	C	• A study abroad experience enhances cross-cultural awareness and may expand career opportunities. • Develop your career skills.
Related Area Course	3	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS Elective	3	C	• Explore an internship. • Build your professional connections -- join the ASU Mentor Network.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 301: Empirical Political Inquiry (SB)	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course. • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
POS Upper Division Elective	3	C	
POS Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	• Complete an in person or virtual practice interview. • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Complete 2 courses: Related Area Course	6	C	
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	• Gather professional references. • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	

Complete 4 courses: Upper Division Elective		12
	Term hours subtotal:	15

- Apply for full-time career opportunities
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

Hide Course List(s)/Track Group(s)

Related Area Course
AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR MIS OR PHI OR PSY OR REL OR SGS OR SOC OR TCL OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Political Science, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAPOSBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• ASU 101 or college-specific First-Year Seminar is required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 12 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile.
Elective	2		
Term hours subtotal:	5		

Term 2 - A 12 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned. • Join a student club or professional organization.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	
Term hours subtotal:	7		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Create a first draft resume.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

Term 3 - A 26 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 210: Political Ideologies (SB)	3	C	• Develop your career skills.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	
Term hours subtotal:	7		

Term 3 - B 33 - 40 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	• A study abroad experience enhances cross-cultural awareness and may expand career opportunities.
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 40 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS Elective	3	C	• View career webinars and meet with a career counselor to discuss professional goals.
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 4 - B 46 - 53 Credit Hours	Hours	Minimum Grade	Notes
Related Area Courses	3	C	• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • Explore an internship.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - A 53 - 59 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 301: Empirical Political Inquiry (SB)	3	C	• Build your professional connections -- join the ASU Mentor Network.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - B 59 - 65 Credit Hours	Hours	Minimum Grade	Notes
Related Area Courses	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course .
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - A 65 - 72 Credit Hours	Hours	Minimum Grade	Notes

POS Elective	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Term hours subtotal:	7	

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Area Courses	3	C	• Complete an in person or virtual practice interview.
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	• Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
Related Area Courses	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	• Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Apply for full-time career opportunities
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ POS Upper Division Elective		3	C	• Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Upper Division Elective		3		
	Term hours subtotal:	6		

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR PHI OR PSY OR REL OR SGS OR SOC OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Political Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPOSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• Join a student club or professional organization. • Create a first draft resume.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 210: Political Ideologies (SB)	3	C	• A study abroad experience enhances cross-cultural awareness and may expand career opportunities. • Develop your career skills.
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		

Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
	Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: POS Elective	6	C	• Explore an internship. • Build your professional connections -- join the ASU Mentor Network.
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Natural Science - Quantitative (SQ) course.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 301: Empirical Political Inquiry (SB)	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course. • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Related Area Course	3	C	
Science and Society Elective	3	C	
POS Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 401: Political Statistics (CS)	3	C	• Complete an in person or virtual practice interview.
Complete 2 courses: POS Upper Division Elective	6	C	
Upper Division Science and Society Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	• Gather professional references. • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	• Apply for full-time career opportunities.
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

Hide Course List(s)/Track Group(s)

Related Area Course
AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR MIS OR PHI OR PSY OR REL OR SGS OR SOC OR TCL OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Political Science, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LAPOSBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• Create a first draft resume.
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 210: Political Ideologies (SB)	3	C	• Develop your career skills.

Elective	3		
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS Elective	3	C	• A study abroad experience enhances cross-cultural awareness and may expand career opportunities.
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• View career webinars and meet with a career counselor to discuss professional goals.
POS Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		• Explore an internship.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete Natural Science - Quantitative (SQ) course.			
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 301: Empirical Political Inquiry (SB)	3	C	• Build your professional connections -- join the ASU Mentor Network. • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
POS Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Thinking about graduate school? Consider registering for a grad school test prep course .
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
POS 401: Political Statistics (CS)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	• Complete an in person or virtual practice interview.
POS Upper Division Elective	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	• Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Related Area Courses	6	C	• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	• Gather professional references. • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ *Complete 2 courses:* Related Area Courses	6	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	
Term hours subtotal:	3		

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR PHI OR PSY OR REL OR SGS OR SOC OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Politics and the Economy, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPECBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	• ASU 101 or college-specific First-Year Seminar is required of all first-year students. • Students placing into MAT 210 or MAT 270 should take one of those courses in Term 1. If not, students should select a prerequisite course. Students should not take MAT 142. • Students considering graduate work in economics should choose MAT 270 or a prerequisite course. • Students can choose to complete Humanities (HU) and Historical Awareness (H) separately.
Mathematics (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• Students considering graduate work in economics should select MAT 270 instead of MAT 210. • Select your career interest area and play me3@ASU.
POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Students considering graduate work in economics should select MAT 271 instead of MAT 211. • Visit the Career and Professional Development Center to identify networking
MAT 211: Mathematics for Business Analysis	3	C	
Literacy and Critical Inquiry (L)	3		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		opportunities and to seek career planning assistance.
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	• Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately. • Attend career related workshops and meet with a career counselor to discuss professional goals.
POS 210: Political Ideologies (SB)	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 312: Intermediate Microeconomic Theory (SB)	3	C	
POS 301: Empirical Political Inquiry (SB)	3	C	
POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G)	3	C	
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	• Complete an internship to develop job-related skills and connections. • Use Handshake to researchemployment opportunities.
ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	
POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G)	3	C	
ECN 221: Business Statistics (CS) OR POS 401: Political Statistics (CS)	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course.
POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G)	3	C	

Upper Division Elective OR POS 484: Internship OR ECN 484: Internship	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L) OR POS 348: Do You Want to Build a Nation? (L)	3	C	• Apply for full-time career opportunities.
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPGSBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Students who place into MAT 119 or MAT 170 should take the course in Term 1 to complete the MA requirement. • The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences satisfies this requirement. • Select your career interest area and play me3@ASU. • Join a student club or professional organization.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
PSY 101: Introduction to Psychology (SB)	3	C	
Foundations of Behavior	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Mathematics (MA)	3	C	
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• MAT 119 or MAT 170 may require prerequisites which should be completed in Term 1. • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from ASB, ASM, BIO, GCU, HPS, PHI, SOC. • Secure a part-time job or volunteer experience.
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Languages offered at ASU • ASU Language Placement and Testing: Only true beginners are eligible for 101-level
Foundations of Behavior	3	C	

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

courses. All other students are required to take a placement exam, regardless of prior credit earned.

- Explore an internship.
- Pursue research opportunities.

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• PSY Elective: Before graduation, students must complete three additional PSY courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.
Foundations of Behavior	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
PSY Elective	3	C	
Term hours subtotal:	14		

Term 5 60 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: 3** Breadth Within Psychology	6	C	• Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social. • The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Term hours subtotal:	17		

Term 6 77 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: 3** Breadth Within Psychology	6	C	• Use Handshake to research employment opportunities • Draft a resume. • Gather professional references.
Foundations of Behavior	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	13		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
4** Depth Within Psychology	3	C	• Depth Within Psychology: Students must complete two courses from the course list
PSY Upper Division Elective	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Elective OR PSY 484: Internship	3	
Term hours subtotal:	15	

below. **Note:** PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

- PSY Upper Division Elective: Students must complete three additional PSY courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.
- Apply for graduate school.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ 4** Depth Within Psychology	3	C	• Apply for full-time career opportunities.
PSY Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

Foundations of Behavior (12 credit hours from the following options)	Biological Breadth	Personality/Mental Health Breadth
ASB Elective	NEU 325: Biopsychology	PSY 315: Personality Theory and Research (SB)
ASM Elective	PSY 325: Physiological Psychology	PSY 366: Abnormal Psychology (SB)
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		
Cognitive/Learning Breadth	**Developmental Breadth**	**Social Breadth**
PSY 320: Learning and Motivation	PSY 341: Developmental Psychology (SB)	PSY 350: Social Psychology (SB)
PSY 323: Sensation and Perception		PSY 351: Honors Social Psychology (L or SB)
PSY 324: Memory and Cognition		
NEU 394: Neuroscience of Learning and Motivation		
NEU 394: Neuroscience of Perception		
400-Level Depth Within Psychology		
NEU 494: Biotechnology Viruses as Tools		

- NEU 494: Brain and Emotion
- NEU 494: Cognitive Neuroscience of Memory
- NEU 494: Data Analysis in Neuroscience
- NEU 494: Neural Basis of Learning and Memory
- NEU 494: Neuropharmacology of Psychiatric Medications
- NEU 494: Visual Cognitive Neuroscience
- PSY 400: Topics in Neuroscience
- PSY 414: History of Psychology (L or SB)
- PSY 420: Analysis of Behavior (L)
- PSY 424: Genetic Psychology (L)
- PSY 425: Biological Bases of Behavior (L)
- PSY 426: Neuroanatomy
- PSY 430: Industrial Psychology
- PSY 432: Embodied Cognition (L)
- PSY 434: Cognitive Psychology (L)
- PSY 437: Human Factors (L)
- PSY 441: Cognitive Development (L or SB)
- PSY 443: Abnormal Child Psychology (L or SB)
- PSY 444: Adolescent Psychology and Psychopathology
- PSY 446: Social Development (L or SB)
- PSY 447: Psychology of Aging (SB)
- PSY 451: Stereotyping, Prejudice, and Discrimination (L)
- PSY 458: Group Dynamics
- PSY 461: Interpersonal Influence (SB)
- PSY 462: Health Psychology
- PSY 465: Psychology of Stress and Coping
- PSY 468: Psychology and Law
- PSY 470: Psychopharmacology
- PSY 471: Psychological Testing
- PSY 472: Clinical Psychology
- PSY 498: Pro-Seminar

Notes:

-
    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPGSBS

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Students who place into MAT 119 or MAT 170 should take the course in Term 1 to complete the MA requirement. • The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement. • Select your Career Interest Communities and play me3@ASU. • Join a student club or professional organization.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Mathematics (MA)	3	C	
Elective	2		
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• MAT 119 or MAT 170 may require prerequisites which should be completed in Term 1. • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC. • Secure a part-time job or volunteer experience.
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Foundations of Behavior	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Explore an internship. • Pursue research opportunities.
Foundations of Behavior	3	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
PSY 290: Research Methods (L or SG)	4	C	• Science and Society: All students pursuing a bachelor of science degree in The College of Liberal Arts and Sciences must complete the two-course Science and Society requirement. A list of all approved courses and the requirement guidelines may be found here. • PSY Elective: Before graduation, students must complete three additional PSY elective courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.
Foundations of Behavior	3	C	
Science and Society Elective	3	C	
PSY Elective	3	C	
Term hours subtotal:	13		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: 3** Breadth Within Psychology	6	C	• Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social. • The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology.
Upper Division Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: 3** Breadth Within Psychology	6	C	• Use Handshake to research employment opportunities • Draft a resume • Gather professional references • PSY Upper Division Elective: Before graduation, students must complete three additional PSY courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill
Foundations of Behavior	3	C	
PSY Upper Division Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** Depth Within Psychology	3	C	• Depth Within Psychology: Before graduation, students must complete two courses from the course list below. **Note:** PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology. • Apply for graduate school.
PSY Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Elective OR PSY 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** Depth Within Psychology	3	C	• Apply for full-time career opportunities.
Complete 4 courses: Upper Division Elective	12		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

Foundations of Behavior (12 credit hours from the following options)	Biological Breadth	Personality/Mental Health Breadth
ASB Elective	NEU 325: Biopsychology	PSY 315: Personality Theory and Research (SB)
ASM Elective	PSY 325: Physiological Psychology	PSY 366: Abnormal Psychology (SB)
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		
Cognitive/Learning Breadth	**Developmental Breadth**	**Social Breadth**
PSY 320: Learning and Motivation	PSY 341: Developmental Psychology (SB)	PSY 350: Social Psychology (SB)
PSY 323: Sensation and Perception		PSY 351: Honors Social Psychology (L or SB)
PSY 324: Memory and Cognition		

NEU 394: Neuroscience of Learning and Motivation

NEU 394: Neuroscience of Perception

400-Level Depth Within Psychology

NEU 494: Biotechnology Viruses as Tools

NEU 494: Brain and Emotion

NEU 494: Cognitive Neuroscience of Memory

NEU 494: Data Analysis in Neuroscience

NEU 494: Neural Basis of Learning and Memory

NEU 494: Neuropharmacology of Psychiatric Medications

NEU 494: Visual Cognitive Neuroscience

PSY 400: Topics in Neuroscience

PSY 414: History of Psychology (L or SB)

PSY 420: Analysis of Behavior (L)

PSY 424: Genetic Psychology (L)

PSY 425: Biological Bases of Behavior (L)

PSY 426: Neuroanatomy

PSY 430: Industrial Psychology

PSY 432: Embodied Cognition (L)

PSY 434: Cognitive Psychology (L)

PSY 437: Human Factors (L)

PSY 441: Cognitive Development (L or SB)

PSY 443: Abnormal Child Psychology (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping, Prejudice, and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

PSY 498: Pro-Seminar

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Psychology (Psychological Science), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPGSPSBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Students who place into MAT 119 or MAT 170 should take the course in Term 1 to complete the MA requirement. • The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement. • Select your Career Interest Communities and play me3@ASU. • Join a student club or professional organization.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Mathematics (MA)	3	C	
Elective	1		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• MAT 119 or MAT 170 may require prerequisites which should be completed in Term 1. • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC. Students must complete at least six credit hours from within a single department and subject code. • Secure a part-time job or volunteer experience.
MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Foundations of Behavior	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS)	3	C	• Explore an internship. • Pursue research opportunities.
Foundations of Behavior	3	C	

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Elective	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Science and Society Elective: All students pursuing a bachelor of science degree in The College of Liberal Arts and Sciences must complete the two-course Science and Society requirement. A list of all approved courses and the requirement guidelines can be found here.
Complete 2 courses: Foundations of Behavior	6	C	
Science and Society Elective	3	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: 3** Breadth Within Psychology Course	6	C	• Research Experience: Before graduating, students must complete at least six credit hours of Research Experience (PSY 399, PSY 499, PSY 492, or PSY 493) • Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social. • The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology.
PSY 399: Supervised Research	3	Y	
Upper Division Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: 3** Breadth Within Psychology Course	6	C	• Use Handshake to research employment opportunities • Draft a resume • Gather professional references
PSY 330: Statistical Methods (CS)	3	C	
PSY 399: Supervised Research OR PSY 492: Honors Directed Study OR PSY 493: Honors Thesis (L) OR PSY 499: Individualized Instruction	3	Y	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
4** Depth Within Psychology Course	3	C	

Upper Division Literacy and Critical Inquiry (L)	3
Upper Division Elective OR PSY 484: Internship	3
Complete 2 courses: Elective	6
Minimum 3.00 GPA ASU Cumulative.	
Term hours subtotal:	15

- 400-Level Depth Within Psychology: Before graduation, students must complete two courses from the course list below. **Note:** PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.
- Apply for graduate school.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ 4** Depth Within Psychology Course	3	C	• Apply for full-time career opportunities.
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	6		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students in this major must complete at least six credit hours of their Foundations of Behavior within a single department and subject code.
- Students cannot declare this major as first-year students.
- Students must have a minimum ASU cumulative GPA of 3.00 to be accepted into this major, and students must maintain a minimum ASU cumulative GPA of 3.00 to remain in the major.
- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

Foundations of Behavior (12 credit hours from the following options. At least 6 hours must be from one subject.)	Biological Breadth	Personality/Mental Health Breadth
ASB Elective	NEU 325: Biopsychology	PSY 315: Personality Theory and Research (SB)
ASM Elective	PSY 325: Physiological Psychology	PSY 366: Abnormal Psychology (SB)
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		
Cognitive/Learning Breadth	**Developmental Breadth**	**Social Breadth**
PSY 320: Learning and Motivation	PSY 341: Developmental Psychology (SB)	PSY 350: Social Psychology (SB)

PSY 323: Sensation and Perception

PSY 324: Memory and Cognition

NEU 394: Neuroscience of Learning and Motivation

NEU 394: Neuroscience of Perception

400-Level Depth Within Psychology

NEU 494: Biotechnology Viruses as Tools

NEU 494: Brain and Emotion

NEU 494: Cognitive Neuroscience of Memory

NEU 494: Data Analysis in Neuroscience

NEU 494: Neural Basis of Learning and Memory

NEU 494: Neuropharmacology of Psychiatric Medications

NEU 494: Visual Cognitive Neuroscience

PSY 400: Topics in Neuroscience

PSY 414: History of Psychology (L or SB)

PSY 420: Analysis of Behavior (L)

PSY 424: Genetic Psychology (L)

PSY 425: Biological Bases of Behavior (L)

PSY 426: Neuroanatomy

PSY 430: Industrial Psychology

PSY 432: Embodied Cognition (L)

PSY 434: Cognitive Psychology (L)

PSY 437: Human Factors (L)

PSY 441: Cognitive Development (L or SB)

PSY 443: Abnormal Child Psychology (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping, Prejudice, and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 351: Honors Social Psychology (L or SB)

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

PSY 498: Pro-Seminar

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Religious Studies (Religion, Culture and Public Life), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LARELCPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
REL 101: Religion, Culture and Public Life (HU & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	2		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• See Religion, Culture and Public Life course list below. Students complete 15 credit hours from the Religion, Culture and Public Life concentration as part of the Religious Studies major. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
Religion, Culture and Public Life Concentration Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Related Area Course	3	C
REL Outside Concentration Course	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Maintain 2.50 GPA in REL.		
Term hours subtotal:	16	

- Outside Concentration courses include any REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 100 and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but not both.
- Please see list of Related Area courses below.
- Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
- Explore opportunities to study abroad.

Term 4 46 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**
Religion, Culture and Public Life Concentration Course	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Maintain 2.50 GPA in REL.		
Term hours subtotal:	14	

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
- If interested in law school, make an appointment with the pre-law advisor.

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
REL 307: Religion: Theory and Practice (L or HU)	3	C
Upper Division Religion, Culture and Public Life Concentration Course	3	C
Related Area Course	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Upper Division Elective	3	
Maintain 2.50 GPA in REL.		
Term hours subtotal:	15	

- REL 307 is typically offered only in the Fall semester.
- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**
Upper Division Religion, Culture and Public Life Concentration Course	3	C
Upper Division Related Area Course	3	C
Upper Division REL Outside Concentration Course	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Elective OR REL 484: Internship	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 2.50 GPA in REL.		

- Upper Division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 321 may count as either a Religion, Culture and Public Life concentration course, or as an Outside Concentration course, but not both.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- Explore graduate school opportunities.

Term hours subtotal:	15	

- If planning on law school, prepare to take the LSAT.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	• Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Upper Division Related Area Course	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II	3	C	• REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. REL 405 is for on-campus students while REL 406 and 407 are for ASU Online students. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for full-time career opportunities.
Upper Division Related Area Course	3	C	
Complete 3 courses: Upper Division Elective	9		
★ Maintain 2.50 GPA in REL.			
Term hours subtotal:	15		

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  - Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
  - Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses NOT in the Religion, Culture and Public Life concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but each course will satisfy only ONE requirement, not both.
  - Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.

Hide Course List(s)/Track Group(s)

Religion, Culture and Public Life Courses	REL Outside Concentration Courses	Related Area Courses
REL 100: Religions of the World (HU & G)	Any REL course that is NOT listed in the Religion, Culture and Public Life concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.	AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
REL 200: Exploring the World's Religions ((L or HU) & G)	REL 100: Religions of the World (HU & G)	ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
REL 202: Religion and Popular Culture (HU & C)	REL 321: Religion in America ((L or HU) & C & H)	ARB 335: Arabic Culture and Islam (G)
REL 205: Life, Sex and Death (HU)		ARB 336: Introduction to the Qur'an (G)
REL 207: Ritual, Symbol, and Myth (L or HU)		ARB 337: Hadith and Prophetic Tradition (HU & H & G)
REL 270: Introduction to Christianity (HU)		

- REL 287: Topics in Film, Media, and Religion (HU & G)
- REL 301: Comparative Mysticism (HU)
- REL 310: Western Religious Traditions (HU & H)
- REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)
- REL 320: American Religious Traditions (HU & C & H)
- REL 321: Religion in America ((L or HU) & C & H)
- REL 323: African American Religion (HU & C)
- REL 324: Sacred Healing and Arts of the Africana World
- REL 326: U.S. Latino Religion and Culture (HU & C)
- REL 330: Native American Worldviews (HU & C)
- REL 343: Daoism ((L or HU) & G & H)
- REL 346: Chinese Religions
- REL 350: Hinduism ((L or HU) & G)
- REL 351: Buddhism ((L or HU) & G)
- REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)
- REL 365: Islamic Civilization (HU & H)
- REL 371: New Testament (HU)
- REL 372: Formation of the Christian Tradition (HU & H)
- REL 382: Magick, Religion and Science (L or HU)
- REL 383: Religion and Sports (HU)
- REL 390: Women, Gender and Religion (HU & G)
- REL 393: Religion and Sex (HU)
- REL 460: Islam and Politics (HU & G)

- ARB 341: Quran Text and Women (HU & H)
- ARB 351: Classical Arabic Literature (HU & G)
- ARB 352: Modern Arabic Literature in Translation (HU & G)
- BIO 312: Bioethics (HU)
- BIO 315: Science, Values, and the Public or ENG 370: Science, Values, and the Public
- BIO 318: History of Medicine (HU & H)
- CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)
- CHI 321: Chinese Literature (HU)
- CHI 322: Chinese Literature (HU & G)
- CHI 345: Chinese Film and Civilization
- CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)
- CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)
- ENG 315: Medieval Literature in Translation
- ENG 333: American Ethnic Literature
- ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
- ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
- ENG 356: The Bible as Literature (HU)
- ENG 359: Indigenous American Literature ((L or HU) & C)
- GER 315: Germanic Mythology (HU & G)
- HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU)
- HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)
- HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)
- HEB 375: Contemporary Culture of Israel (HU & G)

HEB 411: Judaism and the Beginnings of Christianity (HU & H)

Related Area Courses Continued

HON 171: The Human Event (L or HU)

HON 272: The Human Event ((L or HU) & H)

HON 370: History of Ideas (L or HU)

HON 379: Romantics, Victorians, and Moderns (HU & G)

IAS 430: Science and Religion (L or HU)

JPN 115: Japanese Popular Culture: Anime, Manga and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

JPN 445: Readings in Modern Japanese Letters and Culture

JST Elective (not from JST 131, 132, 231, or 232)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 354: Religions of Korea (HU)

KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

POR 472: Luso-Brazilian Civilization (HU & G)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion (HU) or GRK 362: Ancient Greek Religion (HU)

SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

TCL 328: U.S. Latino Religion and Culture (HU & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Religious Studies (Religion, Culture and Public Life), BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LARELCPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
REL 101: Religion, Culture and Public Life (HU & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required of transfer students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
MAT 142: College Mathematics (MA)	3	C	• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Religion, Culture and Public Life Concentration Course	3	C	• Please see Religion, Culture and Public Life course list below. Students complete 15 credit hours from the Religion, Culture and Public Life concentration as part of the Religious Studies major.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Maintain 2.50 GPA in REL coursework.		
Term hours subtotal:	7	

- If interested in law school, review the Pre-Law at ASU website.

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
REL Outside Concentration Course	3	C	• Please see REL Outside Concentration Course list below. • Explore opportunities to study abroad. Online students are eligible and encouraged to participate!
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	7		

Term 4 - A 41 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Religion, Culture and Public Life Concentration Course	3	C	• Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Natural Science - Quantitative (SQ)	4		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	7		

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 54 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
REL 307: Religion: Theory and Practice (L or HU)	3	C	• REL 307 is typically offered only in the Fall semester. • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 5 - B 60 - 67 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies.
Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division REL Outside Concentration Course	3	C	• If planning on law school, prepare to take the LSAT.
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	• Explore graduate school opportunities.
Upper Division Elective	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	• View career webinars offered by Career and Professional Development Services.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	• Use Handshake to research employment opportunities.
Upper Division Related Area Course	3	C	
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 406: Religious Studies Capstone I	1	C	• REL 406 and REL 407 serve as the capstone courses for this major and are typically offered only in the Spring semester.
Upper Division Elective	3		
Elective	2		
Maintain 2.50 GPA in REL coursework.			

Term hours subtotal:	6	

Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 407: Religious Studies Capstone II	2	C	• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
Upper Division Elective	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	5		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
★ Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

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  - Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
  - Students complete six credit hours in Outside Concentration REL courses, at least three of which must be upper-division. Outside Concentration courses include all REL courses that are not part of the Religion, Culture and Public Life concentration. Due to their broad content, REL 100 and REL 321 appear in both the Religion, Culture and Public Life and the Outside Concentration course lists. Students may use these courses to satisfy a concentration requirement OR an Outside Concentration requirement, but each course will apply toward only ONE requirement, not both.
  - Students complete 15 credits of courses in related areas, at least nine of which must be upper-division.
  - At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Religion, Culture and Public Life	REL Outside Concentration Courses	Related Area Courses
REL 100: Religions of the World (HU & G)	Any REL course that is NOT listed in the Religion, Culture and Public Life concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.	AFR OR APA OR ARS OR ASB OR GCU OR HST OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
REL 202: Religion and Popular Culture (HU & C)	REL 100: Religions of the World (HU & G)	ARB 335: Arabic Culture and Islam (G)
REL 205: Life, Sex and Death (HU)	REL 321: Religion in America ((L or HU) & C & H)	ARB 336: Introduction to the Qur'an (G)
REL 207: Ritual, Symbol, and Myth (L or HU)		BIO 312: Bioethics (HU)
REL 301: Comparative Mysticism (HU)		BIO 318: History of Medicine (HU & H)
REL 310: Western Religious Traditions (HU & H)		ENG 333: American Ethnic Literature
REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)		ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
REL 320: American Religious Traditions (HU & C & H)		ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
REL 321: Religion in America ((L or HU) & C & H)		ENG 356: The Bible as Literature (HU)

REL 323: African American Religion (HU & C)

REL 324: Sacred Healing and Arts of the Africana World

REL 330: Native American Worldviews (HU & C)

REL 343: Daoism ((L or HU) & G & H)

REL 350: Hinduism ((L or HU) & G)

REL 351: Buddhism ((L or HU) & G)

REL 371: New Testament (HU)

REL 382: Magick, Religion and Science (L or HU)

REL 390: Women, Gender and Religion (HU & G)

ENG 359: Indigenous American Literature ((L or HU) & C)

HON 370: History of Ideas (L or HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

PSY 350: Social Psychology (SB)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Religious Studies (Religion, Politics and Global Affairs), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LARELPGBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
REL 101: Religion, Culture and Public Life (HU & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	2		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• See Religion, Politics and Global Affairs course list below. Students complete 15 credit hours from the Religion, Politics and Global Affairs concentration as part of the Religious Studies major. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website.
Religion, Politics and Global Affairs Concentration Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

Related Area Course	3	C
REL Outside Concentration Course	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Maintain 2.50 GPA in REL.		
Term hours subtotal:	16	

- Outside Concentration courses include any REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but not both.
- Please see list of Related Area courses below.
- Explore opportunities to study abroad.

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade
Religion, Politics and Global Affairs Concentration Course	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Maintain 2.50 GPA in REL.		
Term hours subtotal:	14	

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
- If interested in law school, make an appointment with the pre-law advisor.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade
REL 307: Religion: Theory and Practice (L or HU)	3	C
Upper Division Religion, Politics and Global Affairs Concentration Course	3	C
Related Area Course	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Elective	3	
Maintain 2.50 GPA in REL.		
Term hours subtotal:	15	

- REL 307 is typically offered only in the Fall semester.
- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade
Upper Division Religion, Politics and Global Affairs Concentration Course	3	C
Upper Division Related Area Course	3	C
Upper Division REL Outside Concentration Course	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Elective OR REL 484: Internship	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 2.50 GPA in REL.		
Term hours subtotal:	15	

- Upper Division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 321 may count as either a Religion, Politics and Global Affairs concentration course, or as an Outside Concentration course, but not both.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- Explore graduate school opportunities.

- If planning on law school, prepare to take the LSAT.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	• Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services.
Upper Division Related Area Course	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II	3	C	• REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. REL 405 is for on-campus students while REL 406 and 407 are for ASU Online students. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for full-time career opportunities.
Upper Division Related Area Course	3	C	
Complete 3 courses: Upper Division Elective	9		
★ Maintain 2.50 GPA in REL.			
Term hours subtotal:	15		

- Students complete 15 credit hours in the Religion, Politics and Global Affairs concentration, at least nine of which must be upper-division.
- Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses **not** in the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but each course will satisfy only **one** requirement, not both.
- Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Religion, Politics and Global Affairs	REL Outside Concentration Courses	Related Area
REL 100: Religions of the World (HU & G)	Any REL course that is **not** listed in the Religion, Politics and Global Affairs concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.	AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
REL 107: Religion and Globalization (HU & G)	REL 100: Religions of the World (HU & G)	ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
REL 201: Religion and the Modern World (L or HU)	REL 321: Religion in America ((L or HU) & C & H)	ARB 335: Arabic Culture and Islam (G)
REL 225: Africana Religious Studies (HU & C)		ARB 336: Introduction to the Qur'an (G)
REL 319: Religion, Violence and America		

REL 321: Religion in America ((L or HU) & C & H)

REL 347: Religions of India ((L or HU) & G)

REL 349: Nature, Sustainability and Religion

REL 352: Modern Buddhism

REL 354: Religions of Korea (HU)

REL 362: Islam and Islamic Societies in Africa: Social and Political History (G)

REL 363: Islam and World Affairs (G)

REL 364: Islam in Eurasia and Central Asia

REL 366: Islam in the Modern World (HU & G)

REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)

REL 377: Religion in Russia (HU & H)

REL 378: Religion, War and Peace (L)

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

REL 381: Religion and Moral Issues (L or HU)

REL 387: Religion and Conflict: Theories and Cases ((L or HU) & G)

REL 388: Religion, Ethics, and International Politics

REL 420: Religion in American Life and Thought (HU)

REL 461: Different Voices Within Contemporary Islamic Discourse

ARB 337: Hadith and Prophetic Tradition (HU & H & G)

ARB 341: Quran Text and Women (HU & H)

ARB 351: Classical Arabic Literature (HU & G)

ARB 352: Modern Arabic Literature in Translation (HU & G)

BIO 312: Bioethics (HU)

BIO 315: Science, Values, and the Public or ENG 370: Science, Values, and the Public

BIO 318: History of Medicine (HU & H)

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

ENG 315: Medieval Literature in Translation

ENG 333: American Ethnic Literature

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

GER 315: Germanic Mythology (HU & G)

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU)

HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

HEB 375: Contemporary Culture of Israel (HU & G)

HEB 411: Judaism and the Beginnings of Christianity (HU & H)

HON 171: The Human Event (L or HU)

HON 272: The Human Event ((L or HU) & H)

HON 370: History of Ideas (L or HU)

HON 379: Romantics, Victorians, and Moderns (HU & G)

IAS 430: Science and Religion (L or HU)

JPN 115: Japanese Popular Culture: Anime, Manga and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

JPN 445: Readings in Modern Japanese Letters and Culture

JST Elective (not from JST 131, 132, 231, or 232)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 354: Religions of Korea (HU)

KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

POR 472: Luso-Brazilian Civilization (HU & G)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion (HU) or GRK 362: Ancient Greek Religion (HU)

SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

TCL 328: U.S. Latino Religion and Culture (HU & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Religious Studies (Religion, Politics and Global Affairs), BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LARELPGBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
REL 101: Religion, Culture and Public Life (HU & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required of transfer students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Maintain 2.50 GPA in REL.			
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
MAT 142: College Mathematics (MA)	3	C	• View ASU Online first-year student registration information here.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Religion, Politics and Global Affairs Concentration Course	3	C	• See Religion, Politics and Global Affairs course list below. Students complete 15 credit hours from the Religion, Politics and Global Affairs concentration as part of the major.
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Maintain 2.50 GPA in REL.			
Term hours subtotal:	7		

- If interested in law school, review the Pre-Law at ASU website.

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
REL Outside Concentration Course	3	C	• Please see REL Outside Concentration Course list below. • Explore opportunities to study abroad. Online students are eligible and encouraged to participate!
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	7		

Term 4 - A 41 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Religion, Politics and Global Affairs Concentration Course	3	C	• Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor.
Natural Science - Quantitative (SQ)	4		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	7		

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 54 - 60 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
REL 307: Religion: Theory and Practice (L or HU)	3	C	• REL 307 is typically offered only in the Fall semester. • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

Term 5 - B 60 - 67 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	
Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division REL Outside Concentration Course	3	C	• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor. • If planning on law school, prepare to take the LSAT.
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	• Explore graduate school opportunities. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies.
Upper Division Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	• View career webinars offered by Career and Professional Development Services.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	• Use Handshake to research employment opportunities.
Upper Division Related Area Course	3	C	
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 406: Religious Studies Capstone I	1	C	• REL 406 and REL 407 serve as the capstone courses for this major and are typically offered only in the Spring semester.
Upper Division Elective	3		
Elective	2		
Maintain 2.50 GPA in REL.			

Term hours subtotal:	6	

Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 407: Religious Studies Capstone II	2	C	• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
Upper Division Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	5		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
★ Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

- Students complete 15 credit hours in the Religion, Politics and Global Affairs concentration, at least nine of which must be upper-division.
- Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses **not** in the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but each course will satisfy only **one** requirement, not both.
- Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Religion, Politics and Global Affairs
REL 100: Religions of the World (HU & G)
REL 107: Religion and Globalization (HU & G)
REL 201: Religion and the Modern World (L or HU)
REL 225: Africana Religious Studies (HU & C)
REL 321: Religion in America ((L or HU) & C & H)
REL 352: Modern Buddhism
REL 366: Islam in the Modern World (HU & G)
REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)
REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

REL Outside Concentration Courses
Any REL course that is **not** listed in the Religion, Politics and Global Affairs concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.
REL 100: Religions of the World (HU & G)
REL 321: Religion in America ((L or HU) & C & H)

Related Area
AFR OR APA OR ARS OR ASB OR GCU OR HST OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
ARB 335: Arabic Culture and Islam (G)
ARB 336: Introduction to the Qur'an (G)
BIO 312: Bioethics (HU)
BIO 318: History of Medicine (HU & H)
ENG 333: American Ethnic Literature
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ENG 356: The Bible as Literature (HU)

REL 381: Religion and Moral Issues (L or HU)

REL 388: Religion, Ethics, and International Politics

REL 420: Religion in American Life and Thought (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

HON 370: History of Ideas (L or HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

PSY 350: Social Psychology (SB)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Russian, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LARUSBA

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Engage in Russian at ASU. Practice your language skills at the SILC Cafe. • Play me3@ASU and set up your Handshake account.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
RUS 101: Elementary Russian I	5	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Meet with a School of International Letters and Cultures Russian faculty member or academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop.
RUS 102: Elementary Russian II	5	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
RUS 211: Conversational Russian I (G)	3	C	• Explore your career interest area.
RUS 201: Intermediate Russian I (G)	5	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			

Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
RUS 212: Conversational Russian II (G)	3	C	• Meet with your academic advisor to explore internship and career opportunities in the U.S. State Department and Foreign Affairs. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Learn about internships, scholarships and awards for language and culture majors. • Learn about research opportunities with the ASU Humanities Lab. • Heritage speakers of Russian may take RUS 295 Russian for Heritage Speakers, a three credit course equivalent to RUS 202.
RUS 202: Intermediate Russian II (G)	5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
RUS 311: Russian Society I (G)	3	C	• Explore opportunities working for the Peace Corps.
Upper Division Russian Elective	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
RUS 312: Russian Society II (G)	3	C	• Plan ahead. Learn about national scholarship, fellowship and research opportunities. • Attend an ASU Career Services workshop .
SLV 304: Digital Humanities for Language Majors (CS) OR SLV 440: History of Slavic Languages (SB)	3	C	
Upper Division Restricted Electives	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
RUS 411: Russian Language, History and Culture I (G) OR RUS 412: Russian Language, History and Culture II (G)	3	C	• Develop your skills.
Upper Division Restricted Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

RUS 430: Russian Short Story (L or HU)	3	C	• Attend a Career Services workshop or career fair.
Complete 4 courses: Upper Division Elective	12		
	Term hours subtotal: 15		

Hide Course List(s)/Track Group(s)

Related Area Course	Upper Division Russian Elective	Upper Division Restricted Electives
GCU 426: Geography of Russia and Surroundings (SB & G)	RUS 394: Special Topics	RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU)
HST 304: Studies in European History	RUS 421: Pushkin (L or HU)	RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G)
HST 355: Total War and the Crisis of Modernity (SB & G & H)	RUS 425: Chekhov and Russian Drama (L or HU)	RUS 421: Pushkin (L or HU)
HST 435: The Russian Empire (SB & H)	RUS 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)	RUS 425: Chekhov and Russian Drama (L or HU)
HST 436: Rise & Fall of Soviet Communism (SB & G & H)	RUS 440: Russian Mass Media (G)	RUS 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)
MHL 363: Survey of Russian Music (HU)	RUS 493: Honors Thesis (L)	
POS 360: World Politics (SB & G)	RUS 494: Special Topics	
POS 467: International Security (SB & G)	RUS 499: Individualized Instruction	
POS 486: International Political Economy (SB & G)		
REL 364: Islam in Eurasia and Central Asia		
SLC 340: Approaches to International Cinema (HU & G)		

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sociology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASOCBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select a career interest area and play me3@ASU. • Choose Related Area courses from subject areas listed below.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
SOC 201: Careers in Sociology	1	C	
Related Area Course	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 2** Elective	3	C	• Network in your career interest area
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	
SOC Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 290: Introduction to Social Science Research	3	C	• Explore an internship
SOC Elective	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	• A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Science and Society Elective	3	C	
Complete 2 courses: SOC Upper Division Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 483: Sociological Theories (L or SB)	3	C	• Use Handshake to research employment opportunities • A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Upper Division Science and Society Elective	3	C	
Upper Division Elective OR SOC 484: Internship	3		
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 490: Advanced Sociological Research Methods OR SOC 491: Advanced Sociological Perspectives	3	C	• Gather professional references. • A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
SOC Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC Upper Division Elective	3	C	• Apply for full-time career opportunities. • A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	5		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR OR APA OR ASB OR CDE OR CRJ OR ECN OR FAS OR GCU OR HSC OR JUS OR LAW OR POS OR PSY OR SOC OR SOS OR SWU OR TCL OR WST Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Sociology, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LASOCBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
SOC 201: Careers in Sociology	1	C	• View ASU Online first-year student registration information here. • Choose Related Area courses from the subject areas listed below.
Related Area Course	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 2** Elective	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 20 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
SOC Elective	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your skills
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 290: Introduction to Social Science Research	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 52 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 52 - 58 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your professional online presence
SOC Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 64 - 70 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC Upper Division Elective	3	C	• A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SOC 483: Sociological Theories (L or SB)	3	C	
Upper Division Elective	3		

Term hours subtotal:	6	

Term 7 - B 82 - 88 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	• A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
SOC Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC 490: Advanced Sociological Research Methods OR SOC 491: Advanced Sociological Perspectives	3	C	• Use Handshake to research employment opportunities
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC Upper Division Elective	3	C	• A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 10 - A 112 - 118 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC Upper Division Elective	3	C	• A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 118 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	2		• Apply for full-time career opportunities
Term hours subtotal:	2		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR APA OR ASB OR CDE OR CRJ OR ECN OR FAS OR GCU OR HSC OR JUS OR LAW OR POS OR PSY OR SOC OR SOS OR SWU OR TCL OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Spanish - Linguistics, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASPABA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Only true beginners are eligible to take SPA 101 and are required to take a Spanish Placement Test. • Learn about Spanish Language Intensive Courses. • Engage in Spanish at ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
SPA 111: Fundamentals of Spanish OR SPA 110: Intensive Spanish I (G)	4-6	C	
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-16		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Start planning to study abroad. Learn about Global Intensive Experience and/or faculty-directed summer programs in Argentina, Brazil, Cuba, Mexico, and Leon or Sevilla, Spain, offered through ASU Study Abroad and the School of International Letters and Cultures (SILC). • Attend a Financing Your Study Abroad Workshop. • Spanish offers a huge advantage if you are interested in working in the Peace Corps. • Students who have earned credit for SPA 102, SPA 110, or SPA 111 may opt to take SPA 210 Intensive Spanish II in Term 2. • Select your Career Interest Communities and play me3@ASU.
SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (C & G)	4-6	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16-18		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (C & G)	4	C	• Meet with a School of International Letters and Cultures academic advisor to discuss internships and scholarships and awards for language and culture majors.
Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			

Elective	6	
Complete Mathematics (MA) requirement.		
Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	14	

- Upper-Division SPA course requirements for this major offered in subsequent terms have L, CS, HU, SB, C, G, and H designations that may be applied to university General Studies and Awareness Area requirements for the degree.

Term 4 44 - 60 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• Proficiency in Spanish and/or Portuguese offers an advantage to those who are interested in U.S. State Department careers .
SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• Learn about research opportunities through the ASU Humanities Lab.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
POR 101: Elementary Portuguese I (G) OR POR 320: Portuguese for Spanish Speakers I	3-4	C	• Enroll in listed courses or meet with a SILC academic advisor to discuss the best study abroad options for your major.
SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C)	3	C	• Explore your career interest area with your academic advisor.
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15-16		

Term 6 75 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
POR 102: Elementary Portuguese II (G) OR POR 321: Portuguese for Spanish Speakers II	3-4	C	• Learn about national scholarships, fellowships and research opportunities.
SPA 400: Fundamentals of Spanish Linguistics (SB & G)	3	C	• Many upper division elective courses have prerequisites which may be taken as electives in earlier semesters.
SPA 412: Advanced Conversation and Composition (G)	3	C	• Use Handshake to research employment opportunities.
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

Term 7 90 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SPA 418: Architecture of Spanish	3	C	• Develop your skills.
SPA 420: Applied Spanish Linguistics (L)	3	C	
Upper Division SPA Elective	3	C	
Upper Division Elective OR SPA 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SPA 417: The Sounds of Spanish (CS or SB)	3	C	• Attend an ASU Career Services Workshop or Career Fair.
★ SPA 419: Spanish Around the World (CS & C)	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division SPA Electives

- SPA 319: Business Correspondence and Communication (G)
- SPA 325: Introduction to Hispanic Literature (HU)
- SPA 385: Cinema and Culture of Spain (HU & G)
- SPA 394: Advanced Mayan Culture
- SPA 394: Angels or Devils: Women Rebels
- SPA 394: Business Spanish
- SPA 394: Hispanidades: Documenting Local Culture
- SPA 394: Human Rights in Argentina
- SPA 394: Latin American Political & Cultural Thought
- SPA 394: Transcultural Connections
- SPA 413: Spanish Grammar in Context (G)
- SPA 421: Spanish in the Southwest (C)
- SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)
- SPA 426: Literature and Society in Modern Spain (HU)
- SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)
- SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)
- SPA 429: Writing Mexico: Major Texts ((L or HU) & G)
- SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)
- SPA 470: Law, Societies and Justice in Latino-America (SB & G)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)

SPA 475: Latin American Film ((L or HU) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 484: Internship

SPA 492: Honors Directed Study

SPA 493: Honors Thesis (L)

SPA 494: Ancient and Modern Mayan Culture

SPA 494: Chicano cancionero and narco-corridos

SPA 494: Chicano/Chicana Film

SPA 494: Chicano/Chicana Literatura Infantil

SPA 494: Consumer Culture in Latin America

SPA 494: Ecocritical Approaches Latin Am Cultural Productn

SPA 494: Film, Literature in Leon&Barcelona, Spain

SPA 494: History of the Spanish Language

SPA 494: Latin American Graphic Narrative

SPA 494: Latin American Photography and Human Rights

SPA 494: Latin American Queer Cultures

SPA 494: Mass Media from Spain &the Global Media in Spanish

SPA 494: Mexican-American Cinema

SPA 494: Pirates, Travelers and Renegados

SPA 494: Spanish Culture through Selfies

SPA 494: Why is the Amazon Burning?

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Spanish - Literature and Culture, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASPABA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first year students. • Only true beginners are eligible to take SPA 101 and are required to request a permission override to register for this course. Students who have had previous experience in Spanish are required to take a Spanish Placement Test. • Learn about Spanish Language Intensive Courses. • SPA 101 and 102 or SPA 110 may be substituted for SPA 111. • Engage in Spanish at ASU.
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
SPA 111: Fundamentals of Spanish	4	C	
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Start to plan your study abroad experience. Learn about faculty-directed Global Intensive Experience and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and Leon or Sevilla, Spain, offered through the ASU Study Abroad Office and the School of International Letters and Cultures. • Attend a Financing Your Study Abroad Workshop. • Students may opt to take SPA 210 Intensive Spanish II, a six credit course equivalent to SPA 201 and SPA 202 in Term 2. • Activate your Handshake account and build out your profile.
SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (C & G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (C & G)	4	C	
Natural Science - Quantitative (SQ)	4		

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Elective	3	
Complete Mathematics (MA) requirement.		
Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	14	

- Meet with a School of International Letters and Cultures academic advisor to discuss internships and scholarships and awards for language and culture majors.
- Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.
- Learn about research opportunities through the Humanities Lab.
- Select your Career Interest Communities and play me3@ASU.

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C
SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB)	3	
Elective	3	
Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

- Proficiency in Spanish and/or Portuguese is a great advantage to those who wish to pursue a career with the U.S. Department of State or the Peace Corps.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade
SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C)	3	C
POR 101: Elementary Portuguese I (G) OR POR 320: Portuguese for Spanish Speakers I	3-4	C
Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Elective	6	
Term hours subtotal:	15-16	

- Enroll in listed courses or meet with a SILC academic advisor to discuss the best study abroad options for your major.
- Explore your career interest area with your academic advisor.

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade
SPA 325: Introduction to Hispanic Literature (HU)	3	C
SPA 412: Advanced Conversation and Composition (G)	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Elective	6	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.
- Learn about national scholarships, fellowships and research opportunities.

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade
4** (400-Level) Spanish Culture Course	3	C
4** (400-Level) Spanish Literature Course	3	C
Upper Division Spanish Literature and Culture Electives	3	C

- Develop your skills.

SPA Upper Division Elective	3	C
Upper Division Elective	3	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** (400-Level) Spanish Literature Course	3	C	• Attend an ASU Career Services Workshop or Career Fair.
Upper Division Spanish Literature and Culture Electives	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- Students in the Spanish BA literature concentration must choose two upper-division courses (six credit hours) of Spanish literature electives from a single regional option. Regional options include Latin American, Mexican American and Peninsular literature.

Hide Course List(s)/Track Group(s)

400-Level Spanish Literature Course	Upper Division Spanish Literature and Culture Electives	400-Level Spanish Culture Course
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	SPA 385: Cinema and Culture of Spain (HU & G)	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)
SPA 426: Literature and Society in Modern Spain (HU)	SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	SPA 472: Latin American Society: Five Case Studies (HU & H & G)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	SPA 426: Literature and Society in Modern Spain (HU)	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	
SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)	SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	
SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)	SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)	
SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala	SPA 470: Law, Societies and Justice in Latino-America (SB & G)	
	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)	
	SPA 472: Latin American Society: Five Case Studies (HU & H & G)	
	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)	
	SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)	

SPA 475: Latin American Film ((L or HU) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 494: Ancient and Modern Mayan Culture

SPA 494: Chicano cancionero and narco-corridos

SPA 494: Chicano/Chicana Film

SPA 494: Chicano/Chicana Literatura Infantil

SPA 494: Consumer Culture in Latin America

SPA 494: Ecocritical Approaches Latin Am Cultural Productn

SPA 494: Film, Literature in Leon&Barcelona, Spain

SPA 494: History of the Spanish Language

SPA 494: Latin American Graphic Narrative

SPA 494: Latin American Photography and Human Rights

SPA 494: Latin American Queer Cultures

SPA 494: Mass Media from Spain &the Global Media in Spanish

SPA 494: Mexican-American Cinema

SPA 494: Pirates, Travelers and Renegados

SPA 494: Spanish Culture through Selfies

SPA 494: Why is the Amazon Burning?

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Spanish, BA

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LASPABA

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Only true beginners are eligible to take SPA 101 and are required to take a Spanish Placement Test.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SPA 101: Elementary Spanish I	4	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Take advantage of online tutoring. • Utilize ASU libraries. • View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU.
SPA 102: Elementary Spanish II	4	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Start to plan your study abroad experience. Learn about Global Intensive Experiences and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and in Leon or Sevilla, Spain offered through ASU Study Abroad and the School of International Letters and Cultures . • Schedule an appointment with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.
SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (C & G)	4	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (C & G)	4	C	

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major .
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Maintain 2.33 GPA in Critical Tracking Courses.		
Term hours subtotal:	7	

Term 3 - A 29 - 35 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	• Develop your skills.
SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)	3	C	
Term hours subtotal:	6		

Term 3 - B 35 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C)	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 4 - A 41 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 325: Introduction to Hispanic Literature (HU)	3	C	• Connect with ASU Online Career and Professional Development Services.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 48 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPA 412: Advanced Conversation and Composition (G)	3	C	
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 5 - A 54 - 61 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Major Electives	3	C	• Create a first draft resume.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - B 61 - 67 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SPA 400: Fundamentals of Spanish Linguistics (SB & G)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - A 67 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ 4** (400-Level) Spanish Literature	3	C	• Use Handshake to research employment opportunities.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Earn credit toward your Spanish major abroad. Learn about your study abroad options. • Explore an internship.
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** (400-Level) SPA Culture or Linguistics Course	3	C	• Use Handshake to research employment opportunities.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Spanish Literature, Linguistics and Culture Electives	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Spanish Literature, Linguistics and Culture Electives	3	C	• Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POR 101: Elementary Portuguese I (G) OR POR 320: Portuguese for Spanish Speakers I	3-4	C	• Three credit hours of POR 101 will be applied to the Spanish major requirements. The remaining one credit hour from POR 101 will be applied toward the 120 total credit hours required for graduation. • Learn about ways to build skills.
Elective	2		
Term hours subtotal:	5-6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ Upper Division Spanish Literature, Linguistics and Culture Electives		3	C
Elective		3	
	Term hours subtotal:	6	

- Attend a virtual career and internship fair event.

Hide Course List(s)/Track Group(s)

400-Level Spanish Literature	Upper Division Major Electives	400-Level SPA Culture or Linguistics Course
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	SPA 319: Business Correspondence and Communication (G)	SPA 417: The Sounds of Spanish (CS or SB)
SPA 426: Literature and Society in Modern Spain (HU)	SPA 394: Special Topics	SPA 418: Architecture of Spanish
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	SPA 413: Spanish Grammar in Context (G)	SPA 419: Spanish Around the World (CS & C)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	SPA 414: Spanish for Sustainability and Environmental Studies	SPA 420: Applied Spanish Linguistics (L)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	SPA 417: The Sounds of Spanish (CS or SB)	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)
SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)	SPA 418: Architecture of Spanish	SPA 472: Latin American Society: Five Case Studies (HU & H & G)
SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala	SPA 419: Spanish Around the World (CS & C)	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)
SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)	SPA 420: Applied Spanish Linguistics (L)	
	SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	
	SPA 426: Literature and Society in Modern Spain (HU)	
	SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	
	SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	
	SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	
	SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)	
	SPA 470: Law, Societies and Justice in Latino-America (SB & G)	
	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)	
	SPA 472: Latin American Society: Five Case Studies (HU & H & G)	
	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)	
	SPA 484: Internship	
	SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala	

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

SPA 494: Advanced Spanish for Healthcare

SPA 494: Spanish with a Legal Focus

Upper Division Spanish Literature, Linguistics and Culture Electives

SPA 394: Special Topics

SPA 417: The Sounds of Spanish (CS or SB)

SPA 418: Architecture of Spanish

SPA 419: Spanish Around the World (CS & C)

SPA 420: Applied Spanish Linguistics (L)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 470: Law, Societies and Justice in Latino-America (SB & G)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technological Leadership, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LATECLDRBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 240: Introduction to Physical Computing OR HDA 296: Creative Futures: Studio OR IPI 241: Designing and Making for an Interplanetary Future	3	C	• Consult with your academic advisor to select the appropriate Making Pathway course (AME 240, HDA 296, or IPI 241); see Course Lists/Track Groups section below for more Making Pathway details. • Students interested in the Interplanetary + SpaceWorks Making Pathway and/or graduate work should enroll in MAT 265 or MAT 270. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU.
IPI 196: Fundamentals of Inquiry	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	16-17		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 240: Introduction to Physical Computing OR HDA 296: Creative Futures: Studio OR IPI 241: Designing and Making for an Interplanetary Future	3	C	• Consult with your academic advisor to select the appropriate Making Pathway course (AME 240, HDA 296, or IPI 241); see Course Lists/Track Groups section below for more Making Pathway details. • Create a first draft resume. • Join a student club or professional organization.
IPI 296: Inquiry (L) OR HUL 250: Introduction to Interdisciplinary Research (HU or SB)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Summer 2 32 - 44 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	6	Y	

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Elective	3	
Term hours subtotal:	12	

Term 3 44 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 330: Digital-Physical Systems OR HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future OR SES 307: Space Works I OR SES 407: Space Works II	3	C	• Consult with your academic advisor to select the appropriate Making Pathway course (AME 330, HDA 496, IPI 441, SES 307, or SES 407); see Course Lists/Track Groups section below for more Making Pathway details.
IPI 496: Advanced Inquiry	3	C	
AME 230: Programming for the Media Arts (CS) OR CSE 110: Principles of Programming (CS)	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Science and Society Elective	3	C	
Cultural Diversity in the U.S. (C)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	18		

Term 4 62 - 78 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AME 330: Digital-Physical Systems OR HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future OR SES 307: Space Works I OR SES 407: Space Works II	3	C	• Consult with your academic advisor to select the appropriate Making Pathway course (AME 330, HDA 496, IPI 441, SES 307, or SES 407); see Course Lists/Track Groups section below for more Making Pathway details. • Develop your professional online presence .
IPI 496: Advanced Inquiry	3	C	
COM 230: Small Group Communication (SB)	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	16		

Summer 4 78 - 90 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	6	Y	
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	12		

Term 5 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
AME 330: Digital-Physical Systems OR HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future OR SES 307: Space Works I OR SES 407: Space Works II	3	C	• Consult with your academic advisor to select the appropriate Making Pathway course (AME 330, HDA 496, IPI 441, SES 307, or SES 407); see Course Lists/Track Groups section below for more Making Pathway details. • Use Handshake to research employment opportunities.
IPI 496: Advanced Inquiry	3	C	
PSY 302: The Psychology of Positive Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 6 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 330: Digital-Physical Systems OR HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future OR SES 307: Space Works I OR SES 407: Space Works II	3	C	• Consult with your academic advisor to select the appropriate Making Pathway course (AME 330, HDA 496, IPI 441, SES 307, or SES 407); see Course Lists/Track Groups section below for more Making Pathway details. • Apply for full-time career opportunities.
★ IPI 496: Advanced Inquiry	3	C	
FIS 432: Problem Solving Through Strategic Thinking	3	C	
LSE 305: Conceptualizing Learning: Theories in Practice	3	C	
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	15		

- All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses.Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Selecting a Making Pathway: In consultation with an assigned academic advisor, students must select and complete a Making Pathway from one of the four options listed below. Each Making Pathway requires the completion of 6 lower-division credit hours and 12 upper-division credit hours. Please note that some Making Pathways require multiple completions of the same course to fulfill these credit hour requirements.

Hide Course List(s)/Track Group(s)

Design Making Pathway
Complete two semesters of:
HDA 296: Creative Futures: Studio
Complete four semesters of:
HDA 496: Creative Futures: Advanced Studio

Design + Creative Engineering Making Pathway
Complete:
AME 240: Introduction to Physical Computing
AME 330: Digital-Physical Systems
HDA 296: Creative Futures: Studio
Complete three semesters of:
HDA 496: Creative Futures: Advanced Studio

Interplanetary Making Pathway
Complete two semesters of:
IPI 241: Designing and Making for an Interplanetary Future
Complete four semesters of:
IPI 441: Advanced Designing and Making for an Interplanetary Future

Interplanetary + SpaceWorks Making Pathway
Complete two semesters of:
IPI 241: Designing and Making for an Interplanetary Future
Complete two semesters of:
IPI 441: Advanced Designing and Making for an Interplanetary Future

Complete:

SES 307: Space Works I

SES 407: Space Works II

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Technological Leadership, BS

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
LATECLDRBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IPI 196: Fundamentals of Inquiry	3	C	• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HDA 296: Creative Futures: Studio OR IPI 241: Designing and Making for an Interplanetary Future	3	C	• Consult with your academic advisor to select the appropriate Making Pathway course (HDA 296 or IPI 241); see Course Lists/Track Groups section below for more Making Pathway details. • View ASU Online first-year student registration information here.
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	9		

Term 2 - A 16 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IPI 296: Inquiry (L)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	10		

Term 2 - B 26 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HDA 296: Creative Futures: Studio OR IPI 241: Designing and Making for an Interplanetary Future	3	C	• Design Making Pathway: complete HDA 296; Interplanetary Making Pathway: complete IPI 241. • Create a first draft resume.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

		Minimum	

Summer 2 32 - 44 Credit Hours	Hours	Grade	Notes
IPI 484: Internship	6	Y	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	12		

Term 3 - A 44 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IPI 496: Advanced Inquiry	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Science and Society Elective	3	C	
Term hours subtotal:	9		

Term 3 - B 53 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	• Design Making Pathway: complete HDA 496; Interplanetary Making Pathway: complete IPI 441.
AME 230: Programming for the Media Arts (CS) OR CSE 110: Principles of Programming (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	9		

Term 4 - A 62 - 69 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
IPI 496: Advanced Inquiry	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	7		

Term 4 - B 69 - 78 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	• Design Making Pathway: complete HDA 496; Interplanetary Making Pathway: complete IPI 441. • Develop your professional online presence.
COM 230: Small Group Communication (SB)	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Summer 4 78 - 90 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	6	Y	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	12		

Term 5 - A 90 - 99 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IPI 496: Advanced Inquiry	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		

Term hours subtotal:	9

Term 5 - B 99 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	• Design Making Pathway Track: complete HDA 496; Interplanetary Making Pathway: complete IPI 441. • Use Handshake to research employment opportunities.
LSE 305: Conceptualizing Learning: Theories in Practice	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 6 - A 105 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
IPI 496: Advanced Inquiry	3	C	
FIS 432: Problem Solving Through Strategic Thinking	3	C	
PSY 302: The Psychology of Positive Leadership	3	C	
Term hours subtotal:	9		

Term 6 - B 114 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	• Design Making Pathway: complete HDA 496; Interplanetary Making Pathway: complete IPI 441. • Gather professional references.
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Selecting a Making Pathway: In consultation with an assigned academic advisor, students must select and complete a Making Pathway from one of the two options listed below. Each Making Pathway requires the completion of six lower-division credit hours and 12 upper-division credit hours. Please note that Making Pathways require multiple completions of the same course to fulfill these credit hour requirements.

Hide Course List(s)/Track Group(s)

Design Making Pathway	Interplanetary Making Pathway
Complete two semesters of:	Complete two semesters of:
HDA 296: Creative Futures: Studio	IPI 241: Designing and Making for an Interplanetary Future
Complete four semesters of:	Complete four semesters of:
HDA 496: Creative Futures: Advanced Studio	IPI 441: Advanced Designing and Making for an Interplanetary Future

Notes:

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    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Transborder Chicana/o and Latina/o Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LATCLBA

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish. • Select your Career Interest Communities and play me3@asu.
TCL 101: Latinas/os in the U.S. (HU & C)	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Activate your Handshake account and build out your profile • Create a first draft resume
Border Studies Track Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) OR TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) OR TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) OR TCL 230: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective	3	C	• Join a student club or professional organization • Secure a part-time job or volunteer experience • Explore opportunities to study abroad

((L or HU or SB) & C) OR ASB 220: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C)		
Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).	4	C
Humanities, Arts and Design (HU)	3	
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	14	

Term 4 44 - 61 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Chicana/o and Latina/o Communities in the U.S. Track Course	3	C	• Completion of The College Second Language requirement is recommended by Term 4 • Explore an internship • Thinking about graduate school or law school? Consider registering for a grad school test prep course
Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).	4	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	17		

Term 5 61 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB)	3	C	• Language requirement for the major may be fulfilled by AP Spanish credit earned • Develop your professional online presence
TCL 304: Transborder Research Methods (SB & C)	3	C	
Language Requirement Track Course	3	C	
Global Awareness (G)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Research/Project/Service Learning Track Course	3	C	• Use Handshake to research employment opportunities • Complete an in-person or virtual practice interview
Border Studies Track Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TCL 305: Transborder Practicum and Field Research OR TCL 498: Pro-Seminar	3	C	• Gather professional references • Attend career fairs, workshops, and related events offered by Career and Professional Development Services • Apply for full-time career opportunities
Chicana/o and Latina/o Communities in the U.S. Track Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ Upper Division Research/Project/Service Learning Track Course	3	C	• Apply for full-time career opportunities
Complete 3 courses: Upper Division Elective	9		
Elective	2		
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

Border Studies	Chicana/o and Latina/o Communities in the U.S.	Research/Project/Service Learning
TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C)	TCL 111: Latinx Cultural Studies (HU & C)	TCL 305: Transborder Practicum and Field Research
TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C)	TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C)	TCL 321: Transborder Community Development and Health
TCL 310: Folklore of the Southwest (HU & C)	TCL 230: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C)	TCL 355: Transborder Digital Media Making
TCL 331: Mexican American History to 1900 (SB & H & C)	TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)	TCL 484: Internship
TCL 332: Mexican American History Since 1900 (SB & H & C)	TCL 315: Latinx Family Structures (SB)	TCL 490: Transborder Queer Performativity (HU & C)
TCL 348: The Borders of Language (L)	TCL 323: Latina/o Health Issues (SB & C)	TCL 498: Pro-Seminar
TCL 422: U.S.-Mexico Border Health	TCL 327: Health and Migration (SB)	TCL 499: Individualized Instruction
TCL 443: Political Ecology of the Border (SB & G)	TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)	
TCL 444: The Ethnography of Mexico and the Borderlands (SB & G)	TCL 341: Latinas/os and the City (C)	
	TCL 342: Social Demographics of Latino Populations (SB & C)	
	TCL 343: Latinas/os and the Environment	
	TCL 352: Chicana/o Film (C)	
	TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)	
	TCL 377: Arizona, Immigration, Latinos and Politics	
	TCL 410: Race, Medicine, and the Body (L)	
	TCL 447: Gender, Culture, and Development ((L or SB) & G)	
	TCL 464: Latina/o Literature ((L or HU) & C)	
	TCL 471: Latinos In Hollywood (HU & C)	

	TCL 485: Chicana and Latina Writers ((L or HU) & C)
Language Requirement	
SPA 3** Elective	
SPA 4** Elective	
TCL 275: Culture, Language and Learning (SB & C)	
TCL 348: The Borders of Language (L)	
TCL 371: Language Hegemony and Culture	

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Urban Planning, BSP

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
ARPUPBSP

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Play me3@ASU and select your career interest area. • Set up your Handshake account.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIS OR PUP Elective	3	C	
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	• For a full list of Science and Society courses, go here.
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PUP 301: Introduction to Urban Planning (L)	3	C	• Visit the SGSUP Career Development page and Career and Professional Development Services to meet with career advisors for assistance with career planning and networking. • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here.
GIS 270: Statistics for Geography and Planning	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PUP Upper Division Elective	3	C	• For more information about the Science and Society requirement, visit this webpage. • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. • Students interested in pursuing an accelerated master's degree in urban and environmental planning should initiate contact with graduate advising.
Upper Division Science and Society Elective	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PUP Upper Division Elective OR PUP 484: Internship	3	C	• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.
Related Area Course	3	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PUP Upper Division Elective OR PUP 484: Internship	3	C	• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of Geographical Sciences & Urban Planning Job List, ACSP Career Page, and APA Career Center.
GIS OR PUP Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PUP 424: Planning Methods	4	C	
Related Area Course	3	C	

Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3
Complete 2 courses: Upper Division Elective	5
Term hours subtotal:	15

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses
ALA OR ASB OR GCU OR GIS OR GPH OR PUP OR SGS OR SOC OR SOS Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Urban Planning, BSP

School/College: The College of Liberal Arts and Sciences
Location: ASU Local
ARPUPBSP

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	• View ASU Online first-year student registration information here. • Play me3 and select your career interest area.
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS OR PUP Elective	3	C	
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Set up your Handshake account.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 3 - B 32 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
GIS 270: Statistics for Geography and Planning	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PUP 301: Introduction to Urban Planning (L)	3	C	• Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here.
Related Area Course	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• For a full list of Science and Society courses, go here. • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PUP Upper Division Elective OR PUP 484: Internship	3	C	• Students interested in continuing to graduate study following the completion of the bachelor's program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.
Elective	3		
Term hours subtotal:	6		

- Students planning to enter the job market after completion of the bachelor's program should work with a career advisor by visiting the SGSUP Career Development page and Career and Professional Development Services to explore networking opportunities.

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PUP Upper Division Elective OR PUP 484: Internship	3	C	• For more information on the Science and Society requirement, go to this webpage.
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of Geographical Sciences and Urban Planning job list, ACSP career page, and APA Career Center.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PUP Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 104 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	5		

Term 9 - B 104 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PUP 424: Planning Methods	4	C	
Elective	3		
Term hours subtotal:	7		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS OR PUP Upper Division Elective	3	C	• Explore career opportunities on Handshake and SGSUP's Employment Opportunities page.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses
ALA OR ASB OR GCU OR GIS OR GPH OR PUP OR SGS OR SOC OR SOS Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Health Entrepreneurship and Innovation), BAS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUHCIBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 311: Health Innovation: Foundational Concepts	3	C	• Update your resume. • Join a professional organization. • Activate your Handshake account and build your profile. • Build your professional connections -- join the ASU Mentor Network.
★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	3	C	
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) OR BIS 345: Organizational Ethics (HU) or OGL 345: Organizational Ethics (HU) OR IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) OR LES 305: Business Law and Ethics for Managers OR MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	• Students with a transfer statistics course may take an elective. Please check with your advisor. • Students with transfer courses meeting ASU's Humanities, Arts and Design (HU) requirements may take an elective. Please check with your advisor. • Develop your professional online presence. • Develop your skills. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways
★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	

★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS)	3	C	provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
Complete 2 courses: ★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	6	C	• Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU. • Gather academic and professional references. • Complete an in person or virtual practice interview.
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ BIS 343: Social Processes in Organizations (SB) OR BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 350: Diversity and Organizations (L & C) OR OGL 355: Leading Organizational Innovation and Change OR PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB)	3	C	• Connect with us as a member of our alumni community. • Update your resume. • Use Handshake to research employment opportunities.
Complete 2 courses: ★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Health Entrepreneurship and Innovation), BAS

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUHCIBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 311: Health Innovation: Foundational Concepts	3	C	• Update your resume. • Join a professional organization.
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIS 345: Organizational Ethics (HU) or OGL 345: Organizational Ethics (HU) OR LES 305: Business Law and Ethics for Managers OR MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 320: Bioethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	• Students with a transfer statistics course may take an elective. Please check with your advisor. • Students with transfer courses meeting general studies may take electives. Please check with your advisor for details. • Activate your Handshake account and build your profile. • Build your professional connections -- join the ASU Mentor Network.
★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	3	C	
★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Term hours subtotal:	9		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIS 343: Social Processes in Organizations (SB) OR BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 350: Diversity and Organizations (L & C) OR OGL 355: Leading Organizational Innovation and Change OR	3	C	• Develop your professional online presence. • Connect with your advisor to learn more about the accelerated pathways to the MS

	PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB)		
★	HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C
	Term hours subtotal:	6	

in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Develop your skills.
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU. • Gather academic and professional references.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Complete a virtual practice interview.
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Update your resume. • Use Handshake to research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation			• Connect with us as a member of our alumni community.

★	OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C
	Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6	
	Term hours subtotal:	9	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Community Health, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus, ASU at Lake Havasu
NUCHLTBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Activate your Handshake account and build out your profile. • Meet with your First Year Success Coach. • Review the Edson College Student Experience opportunities. • An internship or experiential learning is required for this degree program.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Create a first draft resume. • Build your professional connections -- join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Attend a Study Abroad 101 Session. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Develop your skills. • Explore minors or certificates.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	

HCR 230: Culture and Health (C & G)	3	C
MIC 205: Microbiology (SG)	3	C
MIC 206: Microbiology Laboratory (SG)	1	C
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 231: Fundamentals of Community Health	3	C	• Explore internship opportunities. Connect with your advisor to learn more about the internship or experiential learning requirement for this degree program. • Schedule an appointment with your advisor to review your academic progress.
HCR 240: Human Pathophysiology	4	C	
NTR 241: Human Nutrition	3	C	
Humanities, Arts and Design (HU)	3		
SOC course (SB)	3	C	
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health	3	C	• Develop your professional online presence. • Complete informational interviews.
HCR 430: Foundation to Health Care Systems	3	C	
TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
CHS 340: Health Theory	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 301: Research Methods for the Health Care Professional	3	C	• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. • An internship or experiential learning course is required for degree completion. Connect with your advisor to review options.
HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
Complete 2 courses: HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health	6	C	
SOC 352: Social Change (SB & G & H) OR HCR 471: Interprofessional Education and Community Health	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, MS in Aging, MS in Health Care Simulation, the MS in Regulatory Science, and the MS in Nursing (Entry to Nursing Practice). • Gather professional references.
HCR 406: Health Literacy for Health Care Professionals	3	C	
HCR 435: Leaders in Community Health	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	

★ Internship or Experiential Learning	1		• Update your resume.
Elective	2		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 439: Community Health Capstone	3	C	• Apply for full-time career opportunities. • Connect with us as a member of our alumni community.
PAF 311: Leadership and Change (SB)	3	C	
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

- An internship, research, or experiential learning course is required for all students in the BS Community Health degree program. Please reach out to your assigned advisor for more information about this requirement.

Hide Course List(s)/Track Group(s)

Internship or Experiential Learning
HCI 484: Internship
HCR 294: Special Topics
Only HCR 294 Research Lab courses are allowed.
HCR 471: Interprofessional Education and Community Health
HCR 472: Interprofessional Education and Complex Health
HCR 473: Interprofessional Education and Comprehensive Systems Health
HCR 484: Internship
HCR 493: Honors Thesis (L)
HCR 494: Special Topics
Only HCR 494 Research Lab courses are allowed.
NUR 493: Honors Thesis (L)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Community Health, BS

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUCHLTBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources. • An internship or experiential learning is required for this degree program.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • View ASU Online first-year student registration information here.
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
Term hours subtotal:	7		

Term 2 - A 14 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 21 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Apply for a study abroad experience. • Join a professional organization.
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	

STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	9	

Term 3 - A 30 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 230: Culture and Health (C & G)	3	C	• Develop your skills.
MIC 205: Microbiology (SG)	3	C	
MIC 206: Microbiology Laboratory (SG)	1	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Explore Career Webinars.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 231: Fundamentals of Community Health	3	C	• Explore Career Advising.
SOC course (SB) (SOC 101 recommended)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 240: Human Pathophysiology	4	C	• Explore an internship opportunities. Connect with your advisor to learn more about the internship or experiential learning requirement for this degree program. • Schedule an appointment with your advisor to review your academic progress.
NTR 241: Human Nutrition	3	C	
Term hours subtotal:	7		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	• Explore the Career Guide.
CHS 340: Health Theory	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health	3	C	• Develop your professional online presence.
HCR 430: Foundation to Health Care Systems	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum	Notes

		Grade	
HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for students to share up to 11-12 credit hours to accelerate completion of a master's degree.
HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCR 336: Environmental Community Health	3	C	
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health	3	C	• Complete an in person or virtual practice interview. • An internship or experiential learning course is required for degree completion. Connect with your advisor to review options.
SOC 352: Social Change (SB & G & H)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 97 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Aging, and MS in Regulatory Science.
HCR 435: Leaders in Community Health	3	C	
HCR 484: Internship	1		
Term hours subtotal:	7		

Term 7 - B 97 - 105 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
HCR 406: Health Literacy for Health Care Professionals	3	C	• Gather professional references. • Update your resume.
HCI 311: Health Innovation: Foundational Concepts	3	C	
Elective	2		
Term hours subtotal:	8		

Term 8 - A 105 - 114 Credit Hours	**Hours**	**Minimum Grade**	**Notes**
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Apply for full-time career opportunities.
PAF 311: Leadership and Change (SB)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
HCR 439: Community Health Capstone	3	C	• Connect with us as a member of our alumni community.
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Care Compliance and Regulations, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus
NUHCCRBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Activate your Handshake account and build out your profile. • Create a first draft resume. • Explore study abroad options. • Search for on campus employment.
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
HCR 259: Compliance and the Health Care Industry	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 117 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Apply for a study abroad experience. • Explore student leadership opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization.
HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ) (BIO 100 recommended)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 264: Regulatory Essentials of Compliance Program Design I	3	C	• Develop your skills.
ACC 231: Uses of Accounting Information I	3	C	
BMI 201: Introduction to Clinical Informatics	3	C	
COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB)	3	C	

SOC course (SB) (SOC 101 recommended) OR PSY course (SB) (PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB) OR INT 131: Design and Human Behavior (SB)	3	C
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	• Please note that LES 305 in term 6 requires a minimum 2.50 cumulative GPA for registration. • Explore internships.
HCR 265: Regulatory Essentials of Compliance Program Design II	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 350: Introduction to Clinical Research	3	C	• Develop your professional online presence. • OMT 343 is only offered during the fall semester.
HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	
HCR 362: Monitoring and Auditing for Health Care Compliance	3	C	
OMT 343: Occupational Safety and Ergonomics	3	C	
PMG 320: Foundations of Project Management	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
HCR 460: Investigations and Disclosures in Health Care Compliance	3	C	
HCR 430: Foundation to Health Care Systems OR HCD 330: Health Care Systems in the U.S.	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 461: Corrective and Preventive Action Plans	3	C	• Explore graduate programs including the MS Regulatory Science program. • Gather professional references. • Update your resume.
TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C)	3		

Elective OR HCR 484: Internship	3	• Advanced MS Excel skills recommended by industry.
Elective (CIS 308 recommended)	3	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 463: Capstone Project Health Care Compliance	4	C	• Apply for full-time career opportunities. • Connect with us as a member of our alumni community.
TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Humanities, Arts and Design (HU) (ART 110 OR CEE 181 OR CON 101 OR FMP 201 recommended)	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	2		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Care Compliance and Regulations, BS

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUHCCRBS

Term 1 - A 0 - 5 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources.
HCR 259: Compliance and the Health Care Industry	4	C	
Term hours subtotal:	5		

Term 1 - B 5 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities, play me3@ ASU, and review academic programs. • Create a first draft resume. • Explore study abroad options.
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
MAT course (MA) (MAT 117 OR MAT 142 recommended)	3	C	
Term hours subtotal:	9		

Term 2 - A 14 - 23 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Term hours subtotal:	9		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	• Apply for a study abroad experience.
Natural Science - Quantitative (SQ) (BIO 100 recommended)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 30 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 264: Regulatory Essentials of Compliance Program Design I	3	C	• Develop your skills.
ACC 231: Uses of Accounting Information I	3	C	
SOC course (SB) (SOC 101 recommended) OR PSY course (SB) (PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BMI 201: Introduction to Clinical Informatics	3	C	
COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 45 - 54 Credit Hours	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	• Explore an internship.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	• Schedule an appointment with your advisor to review your academic progress.
HCR 265: Regulatory Essentials of Compliance Program Design II	3	C	
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	• Develop your professional online presence.
HCR 362: Monitoring and Auditing for Health Care Compliance	3	C	
PMG 320: Foundations of Project Management	3	C	
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 350: Introduction to Clinical Research	3	C	• Complete informational interviews. • OMT 343 is only offered during the fall semester.
OMT 343: Occupational Safety and Ergonomics	3	C	
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	• Use Handshake to research employment opportunities.
LES 305: Business Law and Ethics for Managers	3	C	

PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise	3	C	• Complete an in person or virtual practice interview.
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 460: Investigations and Disclosures in Health Care Compliance	3	C	• Explore internships.
HCR 430: Foundation to Health Care Systems OR HCD 330: Health Care Systems in the U.S.	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 461: Corrective and Preventive Action Plans	3	C	• Explore graduate programs including the MS in Regulatory Science program. • Gather professional references. • Update your resume.
TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L)	3	C	
Elective OR HCR 484: Internship	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C)	3		• Apply for full-time career opportunities • Advanced MS Excel skills recommended by industry.
Elective (CIS 308 recommended)	3		
Term hours subtotal:	6		

Term 8 - A 105 - 115 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 463: Capstone Project Health Care Compliance	4	C	
TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Humanities, Arts and Design (HU) (ART 110 OR FMP 201 recommended)	3		
Term hours subtotal:	10		

Term 8 - B 115 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Connect with us as a member of our alumni community.
Elective	2		
Term hours subtotal:	5		

Hide Course List(s)/Track Group(s)

Notes:

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Care Coordination, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUHCCOBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Search for on-campus employment.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the College of Nursing and Health Innovation. • Join a student club or professional organization.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Develop your skills.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
HCR 230: Culture and Health (C & G)	3	C	
MIC 205: Microbiology (SG)	3	C	

MIC 206: Microbiology Laboratory (SG)	1	C
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 221: Foundational Concepts for Health Care Coordination	3	C	• Explore an internship. • Schedule an appointment with your advisor to review your academic progress.
HCR 240: Human Pathophysiology	4	C	
NTR 241: Human Nutrition	3	C	
Humanities, Arts and Design (HU)	3		
SOC course (SB)	3	C	
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 321: Advanced Concepts for Health Care Coordination	3	C	• Develop your professional online presence.
TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
COM 225: Public Speaking (L)	3	C	
HCD 332: Population Health Policy and Legislation	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for students to share up to 11-12 credit hours to accelerate completion of a master's degree.
HCR 302: Social Determinants of Health OR HCR 472: Interprofessional Education and Complex Health	3	C	
HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	
HCR 471: Interprofessional Education and Community Health OR HCR 472: Interprofessional Education and Complex Health OR HCR 473: Interprofessional Education and Comprehensive Systems Health OR HCR 484: Internship OR Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, MS in Aging, MS in Health Care Simulation, the MS in Regulatory Science, and the MS in Nursing (Entry to Nursing Practice). • Gather professional references. • Update your resume.
HCR 406: Health Literacy for Health Care Professionals	3	C	
HCR 422: Policy and Financial Principles in Health Care Coordination	3	C	
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
PAF 311: Leadership and Change (SB)	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 420: Professional Role Development: Health Care Coordination	3	C	• Apply for full-time career opportunities. • Connect with us as a member of our alumni community.
★ HCR 426: Health Care Coordination Capstone	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Care Coordination, BS

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUHCCOBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• View ASU Online first-time freshmen registration information here. • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options.
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
Term hours subtotal:	7		

Term 2 - A 14 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 21 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Apply for a study abroad experience. • Join a professional organization.
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	9	

Term 3 - A 30 - 37 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 230: Culture and Health (C & G)	3	C	• Develop your skills.
MIC 205: Microbiology (SG)	3	C	
MIC 206: Microbiology Laboratory (SG)	1	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Explore Career Webinars.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 221: Foundational Concepts for Health Care Coordination	3	C	• Explore Career Advising.
Humanities, Arts and Design (HU)	3		
SOC course (SB) (SOC 101 recommended)	3	C	
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 240: Human Pathophysiology	4	C	• Explore an internship. • Schedule an appointment with your advisor to review your academic progress
NTR 241: Human Nutrition	3	C	
Term hours subtotal:	7		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	• Explore the Career Guide.
HCD 332: Population Health Policy and Legislation	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 321: Advanced Concepts for Health Care Coordination	3	C	• Develop your professional online presence.
COM 225: Public Speaking (L)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These
HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	

Term hours subtotal:	9	innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 302: Social Determinants of Health	3	C	• Complete an in person or virtual practice interview.
Elective OR HCR 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation and MS in Regulatory Science.
★ HCR 422: Policy and Financial Principles in Health Care Coordination	3	C	
PAF 311: Leadership and Change (SB)	3	C	
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 406: Health Literacy for Health Care Professionals	3	C	• Gather professional references. • Update your resume.
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 420: Professional Role Development: Health Care Coordination	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 426: Health Care Coordination Capstone	3	C	• Connect with us as a member of our alumni community.
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Entrepreneurship and Innovation, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUHCIBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • All first-year students enroll in HCR 210 in their first semester. • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Search for on-campus employment. • Meet with your First Year Success Coach. • Attend the Edson College Health Careers Expo.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU) or BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) OR PHI 409: Eco-Community Ethics (HU) or IAS 409: Eco-Community Ethics (HU)	3	C	
Natural Science - Quantitative (SQ) (BIO 100 recommended)	4		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization.
HCI 150: Introduction to Health Innovation	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 230: Culture and Health (C & G)	3	C	• Develop your skills. • Attend a Study Abroad 101 session. • Explore minors or certificates.
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C	

PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	• Get involved with the HEALab.
Health Innovation Elective	3	C	
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCI 250: Health Entrepreneurship and Value Creation	3	C	• Explore an internship. • Schedule an appointment with your advisor to review your academic progress.
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C	
Health Innovation Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCI 311: Health Innovation: Foundational Concepts	3	C	• Develop your professional online presence. • Complete informational interviews.
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	3	C	
TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Health Innovation Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations	6	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.
HCR 301: Research Methods for the Health Care Professional	3	C	
HCR 406: Health Literacy for Health Care Professionals	3	C	
Health Innovation Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 102 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations	6	C	• Explore graduate programs including ASU's Master of Healthcare Innovation. • Gather professional references. • Update your resume.
HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	

Health Innovation Elective	3	C	
Term hours subtotal:	12		

Term 8 102 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations	3	C	• Apply for full-time career opportunities. • Connect with us as a member of our alumni community.
HCI 484: Internship OR Upper Division Elective	3		
Health Innovation Elective	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	18		

- Students should consult with their academic advisor to identify appropriate courses for the Health Innovation Elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the Health Innovation Elective requirement.

Hide Course List(s)/Track Group(s)

Health Innovation Elective

ACC OR BUA OR ECN OR ENT OR FIN OR HCI OR HCR OR LES OR MGT OR MKT OR NTR OR OGL OR OMT OR SCM OR SOS OR TEL OR TEM Elective

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H)

ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)

ASB 355: Traditional Medicine and Healing (HU or SB)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASM 414: Environmental Health (SB)

BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)

CHS 100: Optimizing Your Health and Performance (SB)

COM 451: Communication and Work Relationships

HEP 100: Introduction to Health and Wellness (SB)

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

PHI 407: Environmental Philosophy and Policy (L or HU) or IAS 407: Environmental Philosophy and Policy (L or HU)

SOC 427: Sociology of Health and Illness (SB)

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

TCL 321: Transborder Community Development and Health

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

WST 100: Women, Gender, and Society (SB & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 360: Women as Healers (SB & G)

WST 444: Gender, Health, and Bodies (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Health Entrepreneurship and Innovation, BS

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUHCIBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU)	3	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities, complete me3@ASU, and review academic programs. • Create a first draft resume. • Explore study abroad options.
Natural Science - Quantitative (SQ) (BIO 100 recommended)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 23 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience.
HCI 150: Introduction to Health Innovation	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Term hours subtotal:	9		

Term 2 - B 23 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	• Apply for a study abroad experience.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal:	7

Term 3 - A 30 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 230: Culture and Health (C & G)	3	C	• Develop your skills.
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 3 - B 36 - 45 Credit Hours	Hours	Minimum Grade	Notes
Health Innovation Elective	3	C	• Explore Career Webinars.
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	• Explore Career Advising.
Health Innovation Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 51 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCI 250: Health Entrepreneurship and Value Creation	3	C	• Explore an internship. • Schedule an appointment with your advisor to review your academic progress.
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCI 311: Health Innovation: Foundational Concepts	3	C	• Explore the Career Guide.
TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Develop your professional online presence.
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C	
Health Innovation Elective	3	C	
Term hours subtotal:	9		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★	HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C
★	HCR 301: Research Methods for the Health Care Professional	3	C
	Term hours subtotal:	6	

- Use Handshake to research employment opportunities.
- Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Complete a virtual practice interview .
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
Health Innovation Elective	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation. • Update your resume.
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Gather professional references.
Health Innovation Elective	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health			• Apply for full-time career opportunities.

★ Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
HCI 484: Internship OR Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Health Innovation Elective	3	C	• Connect with us as a member of our alumni community.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

- Students should consult with their academic advisor to identify appropriate courses for the Health Innovation Elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the Health Innovation Elective requirement.

Hide Course List(s)/Track Group(s)

Health Innovation Elective

ACC OR BUA OR ECN OR ENT OR FIN OR HCI OR HCR OR LES OR MGT OR MKT OR NTR OR OGL OR OMT OR SCM OR SOS OR TEL OR TEM Elective

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H)

ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASM 414: Environmental Health (SB)

CHS 100: Optimizing Your Health and Performance (SB)

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Integrative Health - Nursing & Gen Health Interest, BS

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUIHLTBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• View ASU Online first-year student registration information here. • Create a first draft resume.
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
Term hours subtotal:	7		

Term 2 - A 14 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience.
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 21 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Attend a Study Abroad 101 session.
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		

		Minimum	

Term 3 - A 30 - 37 Credit Hours Critical course signified by	Hours	Grade	Notes
HCR 230: Culture and Health (C & G)	3	C	• Develop your skills.
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 241: Foundations of Integrative Health	3	C	• Explore an internship.
Humanities, Arts and Design (HU)	3		
SOC course (SB) (SOC 101 recommended)	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 240: Human Pathophysiology	4	C	• Schedule an appointment with your advisor to review your academic progress.
NTR 241: Human Nutrition	3	C	
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	• Develop your professional online presence.
PMG 240: Introduction to Project Management or PMG 320: Foundations of Project Management	3	C	
SWU 250: Stress Management Tools I (SB) OR SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for
HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	
Term hours subtotal:	9		

you to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	• Complete an in person or virtual practice interview.
★ HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs.
★ HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 406: Health Literacy for Health Care Professionals	3	C	• Gather professional references. • Update your resume.
Elective OR HCR 484: Internship	3		
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C	• Apply for full-time career opportunities.
★ TWC 443: Grant & Proposal Writing	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 449: Integrative Health Care Capstone	3	C	• Connect with us as a member of our alumni community.
Elective	3		
Term hours subtotal:	6		

-
  - The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
  - The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
  - The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Integrative Health - Nursing & Gen Health Interest, BS

School/College: Edson College of Nursing and Health Innovation
Location: West campus
NUIHLTBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Meet with your First Year Success Coach.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part-time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Develop your skills. • Explore minors or certificates.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
HCR 230: Culture and Health (C & G)	3	C	

MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 240: Human Pathophysiology	4	C	• Explore an internship. • Schedule an appointment with your advisor to review your academic progress.
HCR 241: Foundations of Integrative Health	3	C	
NTR 241: Human Nutrition	3	C	
Humanities, Arts and Design (HU)	3		
SOC course (SB) (SOC 101 recommended)	3	C	
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	• Develop your professional online presence.
TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	
COM 225: Public Speaking (L)	3	C	
PMG 240: Introduction to Project Management or PMG 320: Foundations of Project Management	3	C	
SWU 250: Stress Management Tools I (SB) OR SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.
HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	
HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs. • Gather professional references. • Update your resume.
HCR 406: Health Literacy for Health Care Professionals	3	C	
HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
HCR 471: Interprofessional Education and Community Health OR HCR 472: Interprofessional Education and Complex Health OR HCR 473: Interprofessional Education and Comprehensive Systems Health OR HCR 484: Internship OR Elective	3		

HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C	• Apply for full-time career opportunities. • Connect with us as a member of our alumni community.
★ HCR 449: Integrative Health Care Capstone	3	C	
★ TWC 443: Grant & Proposal Writing	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
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General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Integrative Health - Pre Health Grad School Track, BS

School/College: Edson College of Nursing and Health Innovation
Location: West campus
NUIHLTBS

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select yourCareer Interest Communities , play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Meet with your First Year Success Coach. • Attend the Edson College Health Careers Expo.
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization. • Review resources and opportunities available through ASU Pre-Health Advising.
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
BIO 181: General Biology I (SQ)	4	C	
CHM 116: General Chemistry II (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 31 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 230: Culture and Health (C & G)	3	C	• Develop your skills. • If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements. • Explore minors or certificates. • View Career Webinars.
BIO 182: General Biology II (SG)	4	C	
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	

Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 45 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 241: Foundations of Integrative Health	3	C	• Explore an internship. • Schedule an appointment with your advisor to review your academic progress.
CHM 233: General Organic Chemistry I	3	C	
CHM 237: General Organic Chemistry Laboratory I	1	C	
NTR 241: Human Nutrition	3	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	14		

Term 5 59 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	• Develop your professional online presence. • Register for a graduate school test prep course.
TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
COM 225: Public Speaking (L)	3	C	
SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	15		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.
HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	
HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCI 311: Health Innovation: Foundational Concepts	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs. • Gather professional references. • Update your resume.
HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
HCR 406: Health Literacy for Health Care Professionals	3	C	
HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
PMG 240: Introduction to Project Management	3	C	
Term hours subtotal:	15		

		Minimum	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Apply for full-time career opportunities. • Connect with us as a member of our alumni community.
★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C	
★ HCR 449: Integrative Health Care Capstone	3	C	
★ TWC 443: Grant & Proposal Writing	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Integrative Health - Pre Health Grad School Track, BS

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUIHLTBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ASU 101-NU: The ASU Experience	1	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
CHM 113: General Chemistry I (SQ)	4	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here. • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options.
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Term hours subtotal:	9		

Term 2 - A 17 - 24 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure a part time job or volunteer experience.
BIO 181: General Biology I (SQ)	4	C	
Term hours subtotal:	7		

Term 2 - B 24 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	• Apply for a study abroad experience. • Review resources and opportunities available through ASU Pre-Health Advising.
CHM 116: General Chemistry II (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal:	7

Term 3 - A 31 - 39 Credit Hours	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Develop your skills. • If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	8		

Term 3 - B 39 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 230: Culture and Health (C & G)	3	C	• Explore minors or certificates. • Review the Career Guide for ASU Online students to learn about available career planning resources.
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 46 - 52 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 241: Foundations of Integrative Health	3	C	• Explore an internship.
NTR 241: Human Nutrition	3	C	
Term hours subtotal:	6		

Term 4 - B 52 - 58 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Schedule an appointment with your advisor to review your academic progress. • Plan for in-person laboratory attendance in summer.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Summer 4 58 - 59 Credit Hours	Hours	Minimum Grade	Notes
CHM 237: General Organic Chemistry Laboratory I	1	C	• ASU Online students will complete all experiments for the Organic Chemistry labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
Term hours subtotal:	1		

Term 5 - A 59 - 65 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	• Develop your professional online presence.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 65 - 71 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	• Register for a graduate school test prep course.
COM 225: Public Speaking (L)	3	C	

Term hours subtotal:	6

Term 6 - A 71 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.
★ HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
Term hours subtotal:	6		

Term 6 - B 77 - 86 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	• Schedule an appointment with your advisor to review your academic progress. • Plan for in-person laboratory attendance in summer.
★ HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
CHM 234: General Organic Chemistry II	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Summer 6 86 - 87 Credit Hours	Hours	Minimum Grade	Notes
CHM 238: General Organic Chemistry Laboratory II	1	C	• ASU Online students will complete all experiments for the Organic Chemistry labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
Term hours subtotal:	1		

Term 7 - A 87 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 311: Health Innovation: Foundational Concepts	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs. • Gather professional references. • Update your resume.
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
★ HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
Term hours subtotal:	9		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
PMG 240: Introduction to Project Management	3	C	
SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C	• Apply for full-time career opportunities.
TWC 443: Grant & Proposal Writing	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Connect with us as a member of our alumni community.
HCR 449: Integrative Health Care Capstone	3	C	
Term hours subtotal:	6		

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Nursing - Accelerated BSN, BSN

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, Polytechnic campus, West campus, ASU at Lake Havasu, ASU at The Gila Valley
NUNURDBSN

The accelerated BSN/MS option is currently only available to ASU Online students.

- Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill lower-division General Studies and composition requirements. Certification of completed general studies may include completion of general education package (ex: AGEC, CSUGE, IGETC); an associate of arts degree or bachelor's degree; or comparable as documented on an official transcript.
- Students must have first-year composition and lower-division general studies completed when submitting an application for advancement.

Term 4 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	• Meet with a member of the Edson College Student Services team to review the advancement requirements. • View the Accelerated BSN Prelicensure Clinical Nursing Program Information Session. • Students interested in graduating with Academic Recognition must have a minimum of 56 credit hours of resident credit at ASU to qualify. Students should complete the additional six hours at ASU prior to starting the Accelerated BSN Prelicensure Clinical Nursing Program (which is a total of 50 hours). For more details, please visit review the University Undergraduate Graduation Requirements.
CHM 101: Introductory Chemistry (SQ)	4	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Minimum 3.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 17 - 31 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Contact the Edson College of Nursing and Health Innovation Student Services office for the most recent copy of the Advancement Guide.
CDE 232: Human Development (SB)	3	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
NTR 241: Human Nutrition	3	C	
Minimum 3.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 31 - 35 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

HCR 240: Human Pathophysiology	4	C
Minimum 3.50 GPA ASU Cumulative.		
Milestone: Students must be placed in the Accelerated Clinical Nursing Program by Edson College Student Services. Placement is not guaranteed. There may be more applicants than clinical space allows.		
Term hours subtotal:	4	

Term 7 35 - 52 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 311: Pharmacology in Nursing	3	C	• Activate your Handshake account and build out your profile. • Join a professional organization. • Develop your professional online presence .
NUR 330: Professional Nurse Attributes (HU)	3	C	
NUR 356: Nursing Concepts: Fundamentals and Adult Health	5	C	
NUR 366: Nursing Practice: Adults and Elders	6	Y	
Term hours subtotal:	17		

Summer 7 52 - 68 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 315: Nursing Research and Application to Practice (L)	3	C	• Gather professional and academic references. • Explore graduate programs.
NUR 317: Nursing Concepts for Psychiatric/Mental Health Nursing	2	C	
NUR 367: Nursing Practice: Psychiatric Mental Health--Postbaccalaureate BSN	2	Y	
NUR 384: Gerontological Nursing	1	C	
NUR 415: Nursing Concepts for Childbearing Family	2	C	
NUR 417: Nursing Concepts: Pediatric Clients	2	C	
NUR 475: Nursing Practice: Care of the Childbearing Family - Post Baccalaureate	2	Y	
NUR 477: Nursing Practice: Pediatric Clients	2	Y	
Term hours subtotal:	16		

Term 8 68 - 85 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 416: Nursing Concepts: Community/Public Health	3	C	• Study for the National Council Licensure Examination (NCLEX). • Apply for full-time career opportunities. • Complete an in person or virtual practice interview. • Connect with us as a member of our alumni community.
NUR 418: Nursing Concepts: Complex Care	3	C	
NUR 419: Leading and Managing Nursing in Organizational Systems	2	C	
NUR 431: Professional Nurse Attributes Innovative Professional	3	C	
NUR 476: Nursing Practice: Community and Public Health	2	Y	
NUR 478: Nursing Practice: Complex Care	2	Y	
NUR 479: Nursing Practice: Clinical Immersion	2	Y	
Term hours subtotal:	17		

- Placement into the Accelerated BSN prelicensure clinical nursing program is based on clinical space availability. In addition to the application to ASU, there is a separate advancement process to be selected for placement.

- Prospective students should consult with the Edson College of Nursing and Health Innovation student academic services for the advancement requirements, including prerequisites, TEAS requirement, and immunization/background requirements.
- Students should view the Accelerated BSN Prelicensure Clinical Nursing Program Information Session.
- Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill lower-division General Studies and composition requirements. Certification of completed general studies may include completion of general education package (ex: AGEC, CSUGE, IGETC); an associate of arts degree or bachelors degree; or comparable as documented on an official transcript. These students are still required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study.
- Students must still take six upper-division credit hours (three for L and three for SB or HU) to complete the ASU university-level graduation requirements. These requirements are included in the required NUR prelicensure clinical nursing program courses.
- If students transfer from Arizona community colleges without completing the AGEC or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. Students should see the Arizona General Education Curriculum page.
- **All students must have first year composition and lower-division general studies completed by the advancement application deadline.**

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 85
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Nursing - Traditional BSN, BSN

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, Polytechnic campus, West campus, ASU at Lake Havasu, ASU at The Gila Valley
NUNURDBSN

The accelerated BSN/MS option is currently only available to ASU Online students.

Term 1 0 - 14 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ASU 101-NU: The ASU Experience	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details). • Select your career interest area and play me3@ASU. • Activate your Handshake account and build out your profile. • Create a first draft resume. • Explore Study Abroad options.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 210: Ethics for the Health Care Professional (HU)	3	C	
MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	• In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details). • Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. • Explore options for summer employment. • Apply for summer Study Abroad.
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Approved Statistics Course AND Computer/Statistics/Quantitative Applications (CS)	3	C	
Maintain 3.50 GPA in Critical Tracking Courses.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

		Minimum	

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details). • Develop your skills. • Meet with your academic success advisor to review the advancement requirements, including health and safety expectations.
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
HCR 230: Culture and Health (C & G)	3	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Maintain 3.50 GPA in Critical Tracking Courses.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 57 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
HCR 240: Human Pathophysiology	4	C	• In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details). • Submit your Clinical Nursing Advancement Application by February 1 for summer/fall start or September 1 for spring start.
NTR 241: Human Nutrition	3	C	
Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	C	
Elective	3		
Maintain 3.50 GPA in Critical Tracking Courses.			
Milestone: Completion of all non-coursework BSN nursing requirements (e.g. immunizations/titers, fingerprint clearance card, background check, CPR/BLS certification, etc.) for continuation into the traditional or accelerated prelicensure clinical nursing program.			
Term hours subtotal:	13		

Term 5 57 - 72 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 325: Health and Illness Concepts I	3	C	• Develop your professional online presence.
NUR 330: Professional Nurse Attributes (HU)	3	C	
NUR 336: Experiential Learning	3	C	
NUR 346: Nursing Practice: Geriatric and Adult Health	3	Y	
NUR 352: Fundamental Concepts in Nursing	3	C	
Term hours subtotal:	15		

Term 6 72 - 88 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 315: Nursing Research and Application to Practice (L)	3	C	• Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.
NUR 326: Health and Illness Concepts: Adults and Psychiatric/Mental Health	4	C	
NUR 337: Experiential Learning: Intermediate	3	C	
NUR 347: Nursing Practice: Psychiatric/Mental Health and Childbearing Family	3	Y	
NUR 353: Integration of Concepts Across the Lifespan: Conception to End of Life	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

		Minimum	

Term 7 88 - 105 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ NUR 404: Professional Nurse Concepts: Intermediate	2	C	• Gather professional and academic references. • Explore graduate programs.
★ NUR 425: Health and Illness Concepts: Adults and Pediatrics	3	C	
★ NUR 436: Experiential Learning: Advanced	3	C	
★ NUR 446: Nursing Practice: Pediatrics and Complex Care of Adults	3	Y	
★ NUR 452: Concepts in Population-Based Health	3	C	
★ NUR 458: Community Care and Collaboration	3	C	
Term hours subtotal:	17		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 405: Professional Nurse Concepts: Advanced	3	C	• Study for the National Council Licensure Examination (NCLEX). • Apply for full-time career opportunities. • Connect with us as a member of our alumni community.
★ NUR 426: Health and Illness Concepts Advanced	3	C	
★ NUR 437: Experiential Learning: Readiness to Practice	3	C	
★ NUR 448: Nursing Practice Readiness	3	Y	
★ NUR 453: Integration Concepts in the Health Care (L)	3	C	
Term hours subtotal:	15		

- Direct admit students must meet **Continuing Eligibility Criteria** each semester (terms 1-4) to advance into the traditional or accelerated prelicensure clinical nursing program. Advisors in the Edson College of Nursing and Health Innovation review criteria each semester.

  Continuing Eligibility Criteria:

  - Full-time enrollment at ASU (at least 12 credit hours per term; some scholarships require at least 15 credit hours per term).
  - Enroll in the courses following the published course sequence on the major map (taking courses according to term).
  - All courses must be completed at ASU unless approved by petition. If approved, courses taken at institutions other than ASU, during the required term, must have grades recorded on the ASU system by the final Session C grading deadline per the ASU Academic Calendar.
  - 3.50 minimum semester critical (prerequisite) course GPA in terms 1-4 (includes +/- in computation)
  - Grades of C or better in critical (prerequisite) courses
  - Successful completion of all screening items by the established deadlines
  - Any deviation from the approved major map requires pre-approval by petition from the academic program. Please consult with your advisor for more information.

  Licensure / Certification Direct Disclosure Statement

  The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Certification and licensure requirements vary by profession and from state-to-state, students should review professional licensure information at ASU Professional Licensure to determine if a program meets educational requirements for licensure or certification in a specific state. State licensing contact information is available on the website.

Hide Course List(s)/Track Group(s)

Approved Statistics (CS) Courses

EDP 454: Statistical Data Analysis in Education (CS)

PAF 301: Applied Statistics (CS)

SBS 304: Social Statistics I (CS)

SOC 390: Social Statistics I (CS)

STP 226: Elements of Statistics (CS)

STP 231: Statistics for Life Science (CS)

SWU 321: Statistics for Social Workers (CS)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Nursing, BSN

School/College: Edson College of Nursing and Health Innovation
Location: ASU Local
NUNURDBSN

The accelerated BSN/MS option is currently only available to ASU Online students.

Term 5 - A 0 - 3 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 361: Writing for Health Care Management (L)	3	C	• Activate your Handshake account and build your profile. • Update your resume.
Term hours subtotal:	3		

Term 5 - B 3 - 7 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 391: Professional Nursing Theory (L)	4	C	• Join a professional organization. • Build your professional connections -- join the ASU Mentor Network.
Term hours subtotal:	4		

Term 6 - A 7 - 11 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 318: Nursing Research and Evidence Translation (L)	4	C	• Develop your professional online presence.
Term hours subtotal:	4		

Term 6 - B 11 - 15 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 392: Health Promotion Across the Life Span	4	C	• Build your skills.
Term hours subtotal:	4		

Term 7 - A 15 - 19 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 440: Community and Public Health Nursing in the United States	4	C	• Explore graduate programs.
Term hours subtotal:	4		

Term 7 - B 19 - 23 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 495: Public and Global Health in Nursing (G)	4	C	• Complete a virtual practice interview.
Term hours subtotal:	4		

Term 8 - A 23 - 27 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

NUR 460: The Art of Nursing (HU)	4	C	• Gather academic and professional references.
Term hours subtotal:	4		

Term 8 - B 27 - 31 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 444: Innovation in Nursing	4	C	• Update your resume. • Apply for full-time career opportunities.
Term hours subtotal:	4		

Term 9 - A 31 - 35 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 445: Nursing Management in Health Care	4	C	• Connect with us as a member of our alumni community.
Term hours subtotal:	4		

Term 9 - B 35 - 39 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NUR 464: Capstone: The Synthesis of Professional Nursing	4	C	• Explore graduate nursing programs at ASU.
Term hours subtotal:	4		

The online RN to BSN program includes options for pathway, non-pathway, and the Concurrent Enrollment Program (CEP). The prerequisites for each option vary and the number of courses needed to graduate from ASU with a BSN may vary. Students must see an RN to BSN academic advisor for more information about the prerequisites and the graduation requirements.

a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU State Authorizations website .

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot enroll students located in Tennessee, Rhode Island, and Washington for the *online* BSN nursing program. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state. Contact nursingandhealth@asu.edu with questions.

- **State Authoriz Disclosur**

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Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 39
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Emergency Management), BAS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPEMGBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 200: Public Service and Policy in the 21st Century	3	C	
★ PAF 201: Economics and Public Policy (SB)	3	C	
★ PAF 300: Public Management and Administration	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 301: Applied Statistics (CS)	3	C	• Use Handshake to research employment opportunities
★ PAF 311: Leadership and Change (SB)	3	C	
★ PAF 340: Contemporary Policy Challenges	3	C	
★ PAF 360: Emergency Management I	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 302: Public Service Research Methods	3	C	• Apply for full-time career opportunities

PAF 410: Building Leadership Skills (SB)	3	C
PAF 424: Emergency Management II	3	C
PAF 460: Public Service Ethics	3	C
PAF 468: Planning and Exercises	3	C
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
PAF 400: Senior Capstone Project	3	C	
PAF 426: Intelligence Analysis and Homeland Security	3	C	
PAF 469: Terrorism Defense	3	C	
Upper Division Humanities, Arts and Design (HU)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Community Advocacy and Social Policy, BA

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus
PPCASPBA

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SWU 171: Introduction to Social Work (SB & H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Public Service Interdisciplinary Requirement	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3		• For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Join a student club or professional organization.
ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Public Service Interdisciplinary Requirement	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB)	3		• By the end of term 4, students should have completed the following requirements: 1. ECN 211 or SWU 181 2. PHI 101 or PHI 105 or SWU 183 3. POS 110 or SWU 182
Diversity and Oppressed Populations	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		

Elective	3		• Develop your skills.
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SWU 291: Social Service Delivery Systems	3	C	• Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement.
Diversity and Oppressed Populations	3		
Social Problems and Interventions	3		
Complete 2 courses: Elective	6		
Complete ECN 211 OR SWU 181 course.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 306: Ethics in Social Services (L)	3	C	• Develop your professional online presence.
SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
SWU 321: Statistics for Social Workers (CS)	3		
Upper Division Diversity and Oppressed Populations	3		
Upper Division Social Problems and Interventions	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 303: Micro Human Behavior and the Social Environment (L or SB)	3	C	• Use Handshake to research employment opportunities.
SWU 340: Macro Human Behavior and the Social Environment (SB)	3	C	
SWU 302: Human Biology for Social Workers	3		
SWU 320: Research Methods in Social Work	3	C	
SWU 374: Diversity and Oppression in a Social Work Context (C)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 332: Social Policy and Advocacy	3	C	• Apply for full-time career opportunities.
Upper Division Diversity and Oppressed Populations	3		
Complete 2 courses: Upper Division Social Problems and Interventions	6		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 488: Advocacy Strategies	3	C	
Upper Division Diversity and Oppressed Populations	3		
Upper Division Social Problems and Interventions	3		
Elective OR SWU 484: Internship	3		

Term hours subtotal: 12

- For the Public Service Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  Social Problems and Interventions:Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence; four courses must be SWU courses; 12 credits must be upper division.Diversity and Oppressed Populations:Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; 9 credits must be upper division.For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Public Service Interdisciplinary Requirement-Area 1	Public Service Interdisciplinary Requirement-Area 2	Public Service Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	CRD 302: Inclusive Community Development (SB & C)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	CRD 471: Interprofessional Education and Community Health
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	CRD 472: Interprofessional Education and Complex Health
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	CRD 473: Interprofessional Education and Comprehensive Systems Health
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	CSM 201: Introduction to Parks, Recreation and Sport Management
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	NLM 160: Voluntary Action and Community Leadership (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		NLM 220: Introduction to Nonprofit Organizations
CRJ 270: Community Justice (SB)		PRM 120: Leisure and the Quality of Life (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)		PRM 364: Foundations of Recreation Therapy (SB)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		PRM 380: Wilderness and Parks in America (SB & H)
CRJ 309: Criminology (SB)		TDM 205: Introduction to Travel and Tourism (G)
CRJ 350: Law and Social Control (SB)		TDM 458: International Tourism (G)

Public Service Interdisciplinary Requirement-Area 4	Social Problems and Interventions	Diversity and Oppressed Populations
CPP Elective	AIS 180: Introduction to American Indian Studies (C)	AFR 210: Introduction to African American Studies (C)
	AIS 380: Contemporary Issues of American Indian Nations (C)	AFR 212: Introduction to Ethnic Studies in the U.S. (C)

- ASB 300: Food and Culture ((L or SB) & C)
- ASB 462: Medical Anthropology: Culture and Health (SB & C)
- CHS 201: International Indigenous Health
- COM 463: Intercultural Communication in a Global Context (SB & G)
- CRJ 204: Juvenile Justice
- CRJ 461: Domestic Violence
- HSC 210: Cultural Aspects of Health (C)
- HST 339: Islam in the Modern World (HU & G)
- JUS 332: Politics of Energy Policy and Justice
- JUS 420: Women, Work, and Justice ((L or SB) & C)
- SOC 241: Modern Social Problems (SB)
- SOC 264: Sociology of Gender (SB & C)
- SOC 270: Sociology of Race and Ethnicity (SB & C)
- SOC 424: Women and Health (SB)
- SPE 222: Orientation to Education of Exceptional Children (SB & C)
- SWU 250: Stress Management Tools I (SB)
- SWU 349: Stress Management Tools II (SB)
- SWU 351: Sustainable Living, Mindful Eating (SB)
- SWU 394: Ending Homelessness
- SWU 416: Domestic Violence and National AmeriCorps Service
- SWU 417: Technology, Interpersonal Relationships and Abuse
- SWU 454: Overview of Addictions
- SWU 456: Immigrants and Refugees (C)
- SWU 458: Behavioral Health Services
- SWU 460: Legal Issues in Social Work
- SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
- SWU 462: Global Social Welfare (G)
- SWU 494: Restorative Spaces and Therapeutic Communities
- SWU 498: Introduction Health Practice (L)
- AFR 370: Family Ethnic and Cultural Diversity (SB & C)
- AFR 375: Race, Gender and Sport (SB & C)
- AFR 494: The African American Rhetorical Tradition
- AMS 380: Race, Gender, and Class (SB & C)
- APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C)
- APA 210: Introduction to Ethnic Studies in the U.S. (C)
- APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
- APA 360: Chinese American ((HU or SB) & C)
- ASB 346: Marriage and Family Diversity (SB & C)
- CRJ 305: Gender, Crime, and Criminal Justice (C)
- ETH 100: Ethnic and Indigenous Lives (SB & C)
- FAS 370: Family Ethnic and Cultural Diversity (SB & C)
- HRC 200: Introduction to Social and Cultural Analysis (SB & C)
- HST 325: Immigration and Ethnicity in the United States (SB & H & C)
- JUS 210: Introduction to Ethnic Studies in the U.S. (C)
- JUS 235: Disability, Justice and Advocacy (C)
- JUS 350: Immigration and Justice (SB & C)
- MCO 460: Race, Gender, and Media (C)
- MUS 410: History of Women in Music (HU & C & H)
- POS 435: Women and Politics (SB & C)
- REL 330: Native American Worldviews (HU & C)
- SOC 270: Sociology of Race and Ethnicity (SB & C)
- SOC 378: Migration and Society (SB & C)
- SOC 418: Aging and the Life Course (SB & H)

TCL 323: Latina/o Health Issues (SB & C)	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)	SWU 418: Global Violence Against Women
TWC 454: Information Technology and Culture (C)	SWU 457: Southwest Borderland Immigration Issues (C)
	SWU 498: Working With American Indians (L)
	WST 270: Global Perspectives on Women
	WST 300: Women and Gender in Contemporary Society (SB & C)

Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Community Advocacy and Social Policy, BA

School/College: Watts College of Public Service & Community Solut
Location: ASU Local
PPCASPBA

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SWU 171: Introduction to Social Work (SB & H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		• View ASU Online first-year student registration information here.
MAT 142: College Mathematics (MA)	3	C	
Milestone: Meet with an academic advisor			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3		• Mathematics Placement Assessment score determines placement in mathematics course • By the end of term four, students should have completed the following requirements: 1. ECN 211 or SWU 181 2. PHI 101 or PHI 105 or SWU 183 3. POS 110 or SWU 182 • Join a student club or professional organization.
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	6		

Term 3 - B 32 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB)	3		• Develop your skills.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 39 - 45 Credit Hours	Hours	Minimum Grade	Notes
Diversity and Oppressed Populations	3		
Elective	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SWU 291: Social Service Delivery Systems	3	C	• Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement • For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
Public Service Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
SWU 321: Statistics for Social Workers (CS)	3		
Diversity and Oppressed Populations	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 306: Ethics in Social Services (L)	3	C	
SWU 302: Human Biology for Social Workers	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 303: Micro Human Behavior and the Social Environment (L or SB)	3	C	
SWU 320: Research Methods in Social Work	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

SWU 350: Whole Person Health Across the Lifespan (SB)	3	C
Upper Division Diversity and Oppressed Populations	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 340: Macro Human Behavior and the Social Environment (SB)	3	C	
SWU 374: Diversity and Oppression in a Social Work Context (C)	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Social Problems and Interventions	3		• For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your professional online presence.
Public Service Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 332: Social Policy and Advocacy	3	C	
Upper Division Social Problems and Interventions	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Social Problems and Interventions	3		• Use Handshake to research employment opportunities.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Social Problems and Interventions	3		
Elective OR SWU 484: Internship	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Social Problems and Interventions	3		• Apply for full-time career opportunities.
Upper Division Diversity and Oppressed Populations	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Diversity and Oppressed Populations	3		
Elective	3		
Term hours subtotal:	6		

		Minimum	

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ SWU 488: Advocacy Strategies	3	C	
Term hours subtotal:	3		

- For the Public Service Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  Social Problems and Interventions - Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence; four courses must be SWU courses; 12 credits must be upper division.

  Diversity and Oppressed Populations - Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; 9 credits must be upper division.

  For the Solution-Based Learning (SBL) College Requirement:

    - Students must complete one SBL course by degree completion.
    - Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Public Service Interdisciplinary Requirement-Area 1	Public Service Interdisciplinary Requirement-Area 2	Public Service Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 200: Public Service and Policy in the 21st Century	CRD 302: Inclusive Community Development (SB & C)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 201: Economics and Public Policy (SB)	CSM 201: Introduction to Parks, Recreation and Sport Management
CRJ 203: Courts and Sentencing	PAF 311: Leadership and Change (SB)	PRM 120: Leisure and the Quality of Life (SB)
CRJ 204: Juvenile Justice	PAF 410: Building Leadership Skills (SB)	PRM 364: Foundations of Recreation Therapy (SB)
CRJ 230: Introduction to Policing		PRM 380: Wilderness and Parks in America (SB & H)
CRJ 240: Introduction to Corrections		TDM 205: Introduction to Travel and Tourism (G)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		TDM 458: International Tourism (G)
CRJ 270: Community Justice (SB)		
CRJ 305: Gender, Crime, and Criminal Justice (C)		
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		
CRJ 309: Criminology (SB)		
CRJ 350: Law and Social Control (SB)		

Public Service Interdisciplinary Requirement-Area 4	Social Problems and Interventions Courses	Diversity and Oppressed Populations Courses
		AFR 375: Race, Gender and Sport (SB & C)

CPP Elective	AIS 180: Introduction to American Indian Studies (C)	AMS 380: Race, Gender, and Class (SB & C)
	ASB 300: Food and Culture ((L or SB) & C)	APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
	ASB 462: Medical Anthropology: Culture and Health (SB & C)	CRJ 305: Gender, Crime, and Criminal Justice (C)
	CHS 201: International Indigenous Health	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
	CRJ 204: Juvenile Justice	HST 325: Immigration and Ethnicity in the United States (SB & H & C)
	CRJ 461: Domestic Violence	JUS 350: Immigration and Justice (SB & C)
	HSC 210: Cultural Aspects of Health (C)	MCO 460: Race, Gender, and Media (C)
	HST 339: Islam in the Modern World (HU & G)	MUS 410: History of Women in Music (HU & C & H)
	SOC 241: Modern Social Problems (SB)	POS 435: Women and Politics (SB & C)
	SOC 264: Sociology of Gender (SB & C)	REL 330: Native American Worldviews (HU & C)
	SOC 270: Sociology of Race and Ethnicity (SB & C)	SOC 270: Sociology of Race and Ethnicity (SB & C)
	SOC 424: Women and Health (SB)	SOC 378: Migration and Society (SB & C)
	SPE 222: Orientation to Education of Exceptional Children (SB & C)	SOC 418: Aging and the Life Course (SB & H)
	SWU 250: Stress Management Tools I (SB)	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
	SWU 349: Stress Management Tools II (SB)	SWU 457: Southwest Borderland Immigration Issues (C)
	SWU 351: Sustainable Living, Mindful Eating (SB)	SWU 498: Working With American Indians (L)
	SWU 454: Overview of Addictions	WST 300: Women and Gender in Contemporary Society (SB & C)
	SWU 456: Immigrants and Refugees (C)	
	SWU 458: Behavioral Health Services	
	SWU 460: Legal Issues in Social Work	
	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	
	SWU 462: Global Social Welfare (G)	
	SWU 498: Introduction Health Practice (L)	
	TCL 323: Latina/o Health Issues (SB & C)	
	TWC 454: Information Technology and Culture (C)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Community Development, BA

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPCOMDEVBA

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 100: Introduction to Community Development	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
ASU 101-CPP: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	17		

Term 2 17 - 34 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 200: Foundations of Community Development	3	C	• Network in your career interest area • Once second language requirement is completed, students take elective credit.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 34 - 50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• Secure volunteer experience to start your 100 career field exploration hours • Once second language requirement is completed, students take elective credit.
Interdisciplinary Requirement	3		

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Students can choose courses from any of the four Interdisciplinary Areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 50 - 65 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• Once second language requirement is completed, students take elective credit. • Students choose one emphasis area from below. Students will complete 6 courses (3 courses must be upper-division in Terms 6 and 7).
Emphasis Elective	3	C	
Interdisciplinary Requirement	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	2		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 65 - 81 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement. • Develop your skills
Complete 2 courses: Emphasis Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 81 - 96 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CRD 302: Inclusive Community Development (SB & C)	3	C	• Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence
CRD 402: Assessment and Evaluation of Community Services	3	C	
CRD 300: Research Methods and Applied Skills	3	C	
Complete 2 courses: Upper Division Emphasis Elective	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 96 - 108 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
CRD 403: Leadership and Professional Development	3	C	• Research employment/internship opportunities
Upper Division Emphasis Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	12		

		Minimum	

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Grade	Notes
CRD 400: Capstone: Leadership, Applied Skills and Community Development	3	C	
CRD 484: Internship	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of CRD 301 or CRD 402 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4	Nonprofit Leadership and Management Emphasis	Public Policy Emphasis
CPP Elective	NLM 160: Voluntary Action and Community Leadership (SB)	PAF 200: Public Service and Policy in the 21st Century
	NLM 220: Introduction to Nonprofit Organizations	PAF 201: Economics and Public Policy (SB)
		PAF 240: Urban Policy (C)

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

NLM 380: Financial Management for Nonprofit Organizations

NLM 410: Social Entrepreneurship

NLM 430: Managing Nonprofit Organizations (L)

NLM 435: Service Learning for Community Development

NLM 451: Grant Writing

PAF 300: Public Management and Administration

PAF 301: Applied Statistics (CS)

PAF 302: Public Service Research Methods

PAF 305: Urban Governance

PAF 311: Leadership and Change (SB)

PAF 340: Contemporary Policy Challenges

PAF 360: Emergency Management I

PAF 405: Citizen Engagement and Community Building

PAF 406: Public Administration and Community Development

PAF 410: Building Leadership Skills (SB)

PAF 420: Managing Across Boundaries

PAF 471: Public Policy Analysis

Sustainability Emphasis

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

SOS 111: Sustainable Cities ((HU or SB) & G)

SOS 181: Technological, Social, and Sustainable Systems (HU)

SOS 220: Systems Thinking

SOS 310: Equity, Justice and Sustainability

SOS 311: Future Thinking and Strategies

SOS 330: Sustaining the Commons (L)

Social Determinants of Health Emphasis

CRD 471: Interprofessional Education and Community Health

CRD 472: Interprofessional Education and Complex Health

CRD 473: Interprofessional Education and Comprehensive Systems Health

EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)

HCD 303: Global Health Care Systems (G)

HCR 230: Culture and Health (C & G)

HCR 231: Fundamentals of Community Health

HCR 302: Social Determinants of Health

HEP 102: Foundations of Health Education and Health Promotion

HEP 444: Epidemiology

HEP 476: Community Health

MED 445: Prevention and Management of Chronic Disease

PBH 422: Health Disparities and Access to Health

POP 100: Introduction to Population Health

PRM 440: Advocacy in Therapeutic Recreation

American Indian Emphasis

AIS 180: Introduction to American Indian Studies (C)

AIS 285: Federal Indian Policy (H & C)

AIS 320: American Indian Philosophies and World Views (HU & C)

AIS 360: Issues in Urban Indian Country (C)

AIS 375: Innovation for American Indian Sustainability

AIS 380: Contemporary Issues of American Indian Nations (C)

AIS 385: Entrepreneurship for American Indian Sustainability

AIS 470: Tribal Governance

	PRM 450: Therapeutic Recreation and Community Health
Tourism and Recreation Management Emphasis	
PRM 120: Leisure and the Quality of Life (SB)	
PRM 304: Recreation and Sport Planning and Facilities (L)	
PRM 315: Creating Community Through Park and Recreation Systems	
PRM 335: Sports and Recreation for Youth Development	
PRM 350: Tourism, Recreation and Sports Marketing	
PRM 364: Foundations of Recreation Therapy (SB)	
PRM 370: Public Lands Management	
PRM 380: Wilderness and Parks in America (SB & H)	
TDM 205: Introduction to Travel and Tourism (G)	
TDM 345: Meeting and Convention Planning	
TDM 372: Tourism Planning (L)	
TDM 401: Tourism Management	
TDM 458: International Tourism (G)	
TDM 480: Sustainable Tourism	
TDM 481: Sustainable Food Management in Tourism	
TDM 482: Sustainable Revenue Management	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Criminology and Criminal Justice, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus, ASU at Lake Havasu, ASU at Yuma
PPCRIMJBS

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 100: Introduction to Criminal Justice (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU first-year students only and is not required for transfer students • Select your career interest area and play me3@ASU
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	17		

Term 2 17 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups. • Secure a part-time job or volunteer experience • Explore study abroad options
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	6	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups. • Create a first draft resume • Explore study abroad options
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		

Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits. • Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information. • Develop your professional online presence • Explore study abroad options • Explore an internship
Solution-Based Learning (SBL) Requirement	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 302: Research Methods (L)	3	C	• University general studies requirement in Cultural Diversity in the U.S. is satisfied by successful completion of one of these courses from the Related Area. • Explore study abroad options • Explore an internship
Upper Division Related Area Course	3	C	
CRJ 2** Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 303: Statistical Analysis (CS)	3	C	• Explore study abroad options • Explore an internship
CRJ 309: Criminology (SB)	3	C	
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 304: Inequality, Crime and Criminal Justice	3	C	• Research employment opportunities • Complete an in person or virtual practice interview • Explore an internship
CRJ 4** Elective	3	C	
Complete 2 courses: CRJ 3** Elective OR CRJ 4** Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 3 courses: CRJ 4** Elective	9	C	• Gather professional references • Apply for full-time career opportunities
Upper Division Related Area Course	3	C	
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) Requirement:

- Students must complete SBL coursework for a total of 3 credits by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1
CRD 302: Inclusive Community Development (SB & C)
CRD 471: Interprofessional Education and Community Health
CRD 472: Interprofessional Education and Complex Health
CRD 473: Interprofessional Education and Comprehensive Systems Health
CSM 201: Introduction to Parks, Recreation and Sport Management
NLM 160: Voluntary Action and Community Leadership (SB)
NLM 220: Introduction to Nonprofit Organizations
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)
TDM 458: International Tourism (G)

Interdisciplinary Requirement - Area 2
PAF 112: Identity, Service and American Democracy (SB & C)
PAF 200: Public Service and Policy in the 21st Century
PAF 201: Economics and Public Policy (SB)
PAF 240: Urban Policy (C)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)

Interdisciplinary Requirement - Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Solution-Based Learning (SBL) Requirement
CPP 350: Community Works
CPP 353: Community Impact Lab
CRD 301: Sustainable Communities
CRD 435: Service Learning for Community Development
CRD 471: Interprofessional Education and Community Health
CRD 472: Interprofessional Education and Complex Health

Related Area Courses
AFR 335: Historical Studies in Race, Crime, and the Law
AFR 352: Borders, Prisons and Suburbs (SB & C)
AIS 360: Issues in Urban Indian Country (C)
AIS 380: Contemporary Issues of American Indian Nations (C)
AMS 380: Race, Gender, and Class (SB & C)

CRD 473: Interprofessional Education and Comprehensive Systems Health

CRJ 317: Inside-Out Prison Exchange Program

CRJ 394: Comparative Organized Crime

CRJ 394: The British Roots of U.S. Criminal Justice

CRJ 455: Police and International Terrorism

CRJ 456: Etiology of Martyrdom

CRJ 484: Internship

CRJ 492: Honors Directed Study

CRJ 493: Honors Thesis (L)

CRJ 496: Directed Research

CRJ 499: Individualized Instruction

NLM 160: Voluntary Action and Community Leadership (SB)

NLM 435: Service Learning for Community Development

PRM 145: Special Events Management

PRM 203: Program Planning

PRM 315: Creating Community Through Park and Recreation Systems

PRM 370: Public Lands Management

SWU 291: Social Service Delivery Systems

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

ASB 305: Poverty and Global Health ((L or SB) & G)

CDE 356: Race and Child Development (SB & C)

COM 312: Communication, Conflict, and Negotiation

COM 314: Inner-City Families: The Cycle of Poverty

COM 319: Persuasion and Social Influence (SB)

COM 325: Advanced Public Speaking and Presentations (L)

COM 326: Court Room Oratory

COM 414: Crisis Communication

COM 421: Rhetoric of Social Issues (HU)

CPP 350: Community Works

CPP 353: Community Impact Lab

CRD 302: Inclusive Community Development (SB & C)

DST 322: Social and Cultural Implications of the Many Forms of Disability

ENG 301: Writing for the Professions (L)

ENG 302: Business Writing (L)

ENG 311: Persuasive Writing (L)

ENG 332: Studies in Race and Ethnicity in Literature and Culture

ENG 384: Studies in Gender and Sexuality in Literature and Culture

ETH 433: Race and Sexualities in Social Justice Movements

FMS 375: LGBTV: Television, Sexuality and Gender

FMS 380: Race and Gender in U.S. Media (HU & C)

FMS 423: Italian Organized Crime in Films and History ((L or HU) & G)

HST 322: Constitutional History of the United States Since 1865 (H)

HST 325: Immigration and Ethnicity in the United States (SB & H & C)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 334: African American History Since 1865 ((HU or SB) & C & H)
- HST 338: American Indian History since 1900 ((HU or SB) & C & H)
- HST 454: History of Genocide (G & H)
- IAS 300: Career Strategies and Personal Resilience (L or SB)
- JUS 329: Domestic Violence (SB)
- JUS 350: Immigration and Justice (SB & C)
- JUS 370: Cultural Diversity and Justice ((L or HU) & C)
- JUS 371: Sexuality and Social Justice
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 410: Punishment: Logic and Approach
- JUS 425: Race, Gender, and Justice ((L or SB) & C)
- JUS 432: Racial Justice (L)
- JUS 437: The Social Construction of Disability and Justice
- JUS 465: Death Penalty in the United States (L)
- JUS 467: Terrorism, War, and Justice (SB)
- JUS 477: Youth and Justice (L or SB)
- LAW 310: The Global Legal Community
- PAF 300: Public Management and Administration
- PAF 305: Urban Governance
- PAF 311: Leadership and Change (SB)
- PAF 340: Contemporary Policy Challenges
- PAF 351: Urban and Metropolitan Studies
- PAF 410: Building Leadership Skills (SB)
- PAF 460: Public Service Ethics
- PAF 469: Terrorism Defense
- PHI 306: Applied Ethics (HU)
- PHI 307: Philosophy of Law (HU)
- PHI 336: Social and Political Philosophy (HU)

PHI 360: Business and Professional Ethics (HU)

PHI 406: Moral Dilemmas (L or HU)

POS 310: American National Government (SB)

POS 325: Public Policy Development (SB)

POS 346: Problems of Democracy (HU)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 370: Law and Society (SB)

POS 436: Gender, Sexuality, Nation-States

POS 442: American Political Thought (HU)

POS 467: International Security (SB & G)

POS 470: Law and the Political Order (SB)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

POS 480: Global Justice (G)

PSY 350: Social Psychology (SB)

PSY 366: Abnormal Psychology (SB)

PSY 368: Forensic Psychology

PSY 443: Abnormal Child Psychology (L or SB)

PUP 301: Introduction to Urban Planning (L)

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

REL 381: Religion and Moral Issues (L or HU)

SGS 320: Mechanisms of Global Governance

SGS 340: Violence, Conflict and Human Rights

SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)

SOC 312: Adolescence (SB)

SOC 332: The Modern City (G)

SOC 340: Social Deviance (SB)

SOC 352: Social Change (SB & G & H)

SOC 360: Sociological Psychology (SB)

SOC 363: Men and Masculinity (SB)

SOC 426: Social Inequalities (SB)

STS 364: Science, Technology, and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 413: Queer Studies (HU & C)

WST 422: Women, Law, and Social Control

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Criminology and Criminal Justice, BS

School/College: Watts College of Public Service & Community Solut
Location: ASU Local
PPCRIMJBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 100: Introduction to Criminal Justice (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year registration information here. • Select your career interest area and play me3@ASU
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	• Secure a part-time job or volunteer experience • Explore study abroad options
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	• Explore study abroad options
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes

CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	• Create a first draft resume • Explore study abroad options
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	• Explore study abroad options
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	• Explore study abroad options • Explore an internship
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your professional online presence • Explore study abroad options • Explore an internship
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 302: Research Methods (L)	3	C	• Explore study abroad options • Explore an internship
CRJ 2** Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 303: Statistical Analysis (CS)	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups. • Explore study abroad options • Explore an internship
Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 304: Inequality, Crime and Criminal Justice	3	C	• Explore study abroad options • Explore an internship
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Solution-Based Learning (SBL) Requirement	3		• University general studies requirement in Cultural Diversity in the U.S. is satisfied by successful completion of one of these courses from the Related Area. • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits. • Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information. • Explore study abroad options • Explore an internship
Upper Division Related Area Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
CRJ 309: Criminology (SB)	3	C	• Explore study abroad options • Explore an internship
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 3** Elective OR CRJ 4** Elective	3	C	• Explore study abroad options • Explore an internship
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 3** Elective OR CRJ 4** Elective	3	C	• Explore study abroad options • Explore an internship
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	• Use Handshake to research employment opportunities • Explore study abroad options • Explore an internship
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	• Complete an in person or virtual practice interview • Explore an internship
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	• Explore an internship
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	• Gather professional references
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Apply for full-time career opportunities
Term hours subtotal:	3		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete SBL coursework for a total of 3 credits by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)	PAF 200: Public Service and Policy in the 21st Century
CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	PAF 201: Economics and Public Policy (SB)
PRM 120: Leisure and the Quality of Life (SB)	SWU 181: Economics: A Social Issues Perspective	PAF 311: Leadership and Change (SB)
PRM 364: Foundations of Recreation Therapy (SB)	SWU 182: Social Services Perspective of Government (SB)	PAF 410: Building Leadership Skills (SB)
PRM 380: Wilderness and Parks in America (SB & H)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
TDM 205: Introduction to Travel and Tourism (G)	SWU 250: Stress Management Tools I (SB)	
TDM 458: International Tourism (G)	SWU 349: Stress Management Tools II (SB)	
	SWU 456: Immigrants and Refugees (C)	
	SWU 458: Behavioral Health Services	
	SWU 460: Legal Issues in Social Work	
	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

Interdisciplinary Requirement-Area 4	Solution-Based Learning (SBL) Requirement	Related Area Courses
CPP Elective	CPP 350: Community Works	AMS 380: Race, Gender, and Class (SB & C)
	CPP 353: Community Impact Lab	ASB 305: Poverty and Global Health ((L or SB) & G)
	CRD 435: Service Learning for Community Development	

- CRJ 394: Comparative Organized Crime
- CRJ 394: The British Roots of U.S. Criminal Justice
- CRJ 455: Police and International Terrorism
- CRJ 456: Etiology of Martyrdom
- CRJ 484: Internship
- CRJ 499: Individualized Instruction
- NLM 435: Service Learning for Community Development
- PRM 145: Special Events Management
- PRM 203: Program Planning
- SWU 291: Social Service Delivery Systems
- SWU 394: Ending Homelessness
- TDM 345: Meeting and Convention Planning
- COM 312: Communication, Conflict, and Negotiation
- COM 319: Persuasion and Social Influence (SB)
- COM 414: Crisis Communication
- CPP 350: Community Works
- CPP 353: Community Impact Lab
- CRD 302: Inclusive Community Development (SB & C)
- ENG 301: Writing for the Professions (L)
- ENG 302: Business Writing (L)
- ENG 311: Persuasive Writing (L)
- FMS 380: Race and Gender in U.S. Media (HU & C)
- FMS 423: Italian Organized Crime in Films and History ((L or HU) & G)
- HST 325: Immigration and Ethnicity in the United States (SB & H & C)
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 338: American Indian History since 1900 ((HU or SB) & C & H)
- HST 454: History of Genocide (G & H)
- IAS 300: Career Strategies and Personal Resilience (L or SB)
- JUS 329: Domestic Violence (SB)
- JUS 350: Immigration and Justice (SB & C)
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 432: Racial Justice (L)
- JUS 477: Youth and Justice (L or SB)
- PAF 300: Public Management and Administration
- PAF 311: Leadership and Change (SB)
- PAF 340: Contemporary Policy Challenges
- PAF 410: Building Leadership Skills (SB)
- PAF 460: Public Service Ethics
- PAF 469: Terrorism Defense

- PHI 306: Applied Ethics (HU)
- PHI 307: Philosophy of Law (HU)
- PHI 336: Social and Political Philosophy (HU)
- POS 346: Problems of Democracy (HU)
- PHI 360: Business and Professional Ethics (HU)
- POS 310: American National Government (SB)
- POS 325: Public Policy Development (SB)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 370: Law and Society (SB)
- POS 442: American Political Thought (HU)
- POS 467: International Security (SB & G)
- POS 471: Constitutional Law I (SB)
- POS 472: Constitutional Law II (SB)
- PSY 350: Social Psychology (SB)
- PSY 366: Abnormal Psychology (SB)
- PSY 368: Forensic Psychology
- PUP 301: Introduction to Urban Planning (L)
- SGS 340: Violence, Conflict and Human Rights
- SOC 312: Adolescence (SB)
- SOC 332: The Modern City (G)
- SOC 340: Social Deviance (SB)
- SOC 352: Social Change (SB & G & H)
- STS 364: Science, Technology, and National Security (SB)
- SWU 454: Overview of Addictions
- SWU 456: Immigrants and Refugees (C)
- SWU 457: Southwest Borderland Immigration Issues (C)
- SWU 460: Legal Issues in Social Work
- SWU 498: Sex Trafficking Research Practicum (L)
- TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)
- TCL 332: Mexican American History Since 1900 (SB & H & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Criminology and Criminal Justice (Policing), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus
PPCRJPOLBS

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 100: Introduction to Criminal Justice (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU first-year students only and is not required for transfer students • Select your career interest area and play me3@ASU
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	17		

Term 2 17 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure a part-time job or volunteer experience • Explore study abroad options
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Create a first draft resume
CRJ 230: Introduction to Policing	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		

Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of three credit hours. • Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information. • Develop your professional online presence • Explore study abroad options • Explore an internship
Solution-Based Learning (SBL) Requirement	3		
CRJ 2** Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 302: Research Methods (L)	3	C	• University general studies requirement in Cultural Diversity in the U.S. is satisfied by successful completion of one of these courses from the Related Area. • Explore study abroad options • Explore an internship
CRJ 309: Criminology (SB)	3	C	
Upper Division Related Area Course	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 303: Statistical Analysis (CS)	3	C	• Explore study abroad options • Explore an internship
CRJ 315: Police Organization and Management	3	C	
Upper Division Related Area Course	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 304: Inequality, Crime and Criminal Justice	3	C	• Research employment opportunities • Complete an in person or virtual practice interview • Explore an internship • Policing Concentration Elective: Choose one course from the list below. Students enrolling in CRJ 484 should have an internship with local, state, or federal police or law enforcement agency. Students may substitute other CRJ 494 topics if course focuses on a policing topic.
CRJ 409: Police Accountability	3	C	
Upper Division Policing Concentration Elective	3	C	
CRJ 4** Elective	3	C	
CRJ Upper Division Elective	3	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 4** Elective	3	C	• Gather professional references

CRJ 410: Criminal Procedure I: The Law of Investigations	3	C
CRJ 450: Crime Analysis	3	C
Upper Division Related Area Course	3	C
Term hours subtotal:	12	

- Apply for full-time career opportunities

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) Requirement:
  - Students must complete SBL coursework for a total of three credit hours by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRD 302: Inclusive Community Development (SB & C)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRD 471: Interprofessional Education and Community Health	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRD 472: Interprofessional Education and Complex Health	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRD 473: Interprofessional Education and Comprehensive Systems Health	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CSM 201: Introduction to Parks, Recreation and Sport Management	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
NLM 160: Voluntary Action and Community Leadership (SB)	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
NLM 220: Introduction to Nonprofit Organizations		SWU 349: Stress Management Tools II (SB)
PRM 120: Leisure and the Quality of Life (SB)		SWU 456: Immigrants and Refugees (C)
PRM 364: Foundations of Recreation Therapy (SB)		SWU 458: Behavioral Health Services
PRM 380: Wilderness and Parks in America (SB & H)		SWU 459: Spirituality and the Helping Professions
TDM 205: Introduction to Travel and Tourism (G)		SWU 460: Legal Issues in Social Work
TDM 458: International Tourism (G)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement - Area 4	Solution-Based Learning (SBL) Requirement	Upper Division Policing Concentration Elective
CPP Elective	CPP 350: Community Works	CRJ 321: Evidence: Imperatives of Proof
	CPP 353: Community Impact Lab	CRJ 403: Victims and the Criminal Justice System
	CRD 301: Sustainable Communities	CRJ 455: Police and International Terrorism
	CRD 435: Service Learning for Community Development	

- CRD 471: Interprofessional Education and Community Health
- CRD 472: Interprofessional Education and Complex Health
- CRD 473: Interprofessional Education and Comprehensive Systems Health
- CRJ 317: Inside-Out Prison Exchange Program
- CRJ 394: Comparative Organized Crime
- CRJ 394: The British Roots of U.S. Criminal Justice
- CRJ 455: Police and International Terrorism
- CRJ 456: Etiology of Martyrdom
- CRJ 484: Internship
- CRJ 492: Honors Directed Study
- CRJ 493: Honors Thesis (L)
- CRJ 496: Directed Research
- CRJ 499: Individualized Instruction
- NLM 160: Voluntary Action and Community Leadership (SB)
- NLM 435: Service Learning for Community Development
- PRM 145: Special Events Management
- PRM 203: Program Planning
- PRM 315: Creating Community Through Park and Recreation Systems
- PRM 370: Public Lands Management
- SWU 291: Social Service Delivery Systems
- SWU 394: Ending Homelessness
- TDM 345: Meeting and Convention Planning

- CRJ 484: Internship
- CRJ 494: Community Policing
- CRJ 494: Problem-Oriented Policing
- CRJ 494: Visual Media, Neighborhoods, & Policing

Related Area Courses

- AFR 335: Historical Studies in Race, Crime, and the Law
- AFR 352: Borders, Prisons and Suburbs (SB & C)
- AIS 360: Issues in Urban Indian Country (C)
- AIS 380: Contemporary Issues of American Indian Nations (C)
- AMS 380: Race, Gender, and Class (SB & C)

- ASB 305: Poverty and Global Health ((L or SB) & G)
- CDE 356: Race and Child Development (SB & C)
- COM 312: Communication, Conflict, and Negotiation
- COM 314: Inner-City Families: The Cycle of Poverty
- COM 319: Persuasion and Social Influence (SB)
- COM 325: Advanced Public Speaking and Presentations (L)
- COM 326: Court Room Oratory
- COM 414: Crisis Communication
- COM 421: Rhetoric of Social Issues (HU)
- CPP 350: Community Works
- CPP 353: Community Impact Lab
- CRD 302: Inclusive Community Development (SB & C)
- DST 322: Social and Cultural Implications of the Many Forms of Disability
- ENG 301: Writing for the Professions (L)
- ENG 302: Business Writing (L)
- ENG 311: Persuasive Writing (L)
- ENG 332: Studies in Race and Ethnicity in Literature and Culture
- ENG 384: Studies in Gender and Sexuality in Literature and Culture
- ETH 433: Race and Sexualities in Social Justice Movements
- FMS 375: LGBTV: Television, Sexuality and Gender
- FMS 380: Race and Gender in U.S. Media (HU & C)
- FMS 423: Italian Organized Crime in Films and History ((L or HU) & G)
- HST 322: Constitutional History of the United States Since 1865 (H)
- HST 325: Immigration and Ethnicity in the United States (SB & H & C)
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 334: African American History Since 1865 ((HU or SB) & C & H)
- HST 338: American Indian History since 1900 ((HU or SB) & C & H)
- HST 454: History of Genocide (G & H)
- IAS 300: Career Strategies and Personal Resilience (L or SB)
- JUS 329: Domestic Violence (SB)
- JUS 350: Immigration and Justice (SB & C)
- JUS 370: Cultural Diversity and Justice ((L or HU) & C)
- JUS 371: Sexuality and Social Justice
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 410: Punishment: Logic and Approach
- JUS 425: Race, Gender, and Justice ((L or SB) & C)
- JUS 432: Racial Justice (L)
- JUS 437: The Social Construction of Disability and Justice
- JUS 465: Death Penalty in the United States (L)
- JUS 467: Terrorism, War, and Justice (SB)
- JUS 477: Youth and Justice (L or SB)
- LAW 310: The Global Legal Community
- PAF 300: Public Management and Administration
- PAF 305: Urban Governance
- PAF 311: Leadership and Change (SB)
- PAF 340: Contemporary Policy Challenges
- PAF 351: Urban and Metropolitan Studies
- PAF 410: Building Leadership Skills (SB)
- PAF 460: Public Service Ethics
- PAF 469: Terrorism Defense
- PHI 306: Applied Ethics (HU)
- PHI 307: Philosophy of Law (HU)
- PHI 336: Social and Political Philosophy (HU)

- PHI 360: Business and Professional Ethics (HU)
- PHI 406: Moral Dilemmas (L or HU)
- POS 310: American National Government (SB)
- POS 325: Public Policy Development (SB)
- POS 346: Problems of Democracy (HU)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 370: Law and Society (SB)
- POS 436: Gender, Sexuality, Nation-States
- POS 442: American Political Thought (HU)
- POS 467: International Security (SB & G)
- POS 470: Law and the Political Order (SB)
- POS 471: Constitutional Law I (SB)
- POS 472: Constitutional Law II (SB)
- POS 480: Global Justice (G)
- PSY 350: Social Psychology (SB)
- PSY 366: Abnormal Psychology (SB)
- PSY 368: Forensic Psychology
- PSY 443: Abnormal Child Psychology (L or SB)
- PUP 301: Introduction to Urban Planning (L)
- REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)
- REL 381: Religion and Moral Issues (L or HU)
- SGS 320: Mechanisms of Global Governance
- SGS 340: Violence, Conflict and Human Rights
- SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)
- SOC 312: Adolescence (SB)
- SOC 332: The Modern City (G)
- SOC 340: Social Deviance (SB)
- SOC 352: Social Change (SB & G & H)
- SOC 360: Sociological Psychology (SB)
- SOC 363: Men and Masculinity (SB)
- SOC 426: Social Inequality (SB)

STS 364: Science, Technology, and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 413: Queer Studies (HU & C)

WST 422: Women, Law, and Social Control

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Criminology and Criminal Justice (Policing), BS

School/College: Watts College of Public Service & Community Solut
Location: ASU Local
PPCRJPOLBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 100: Introduction to Criminal Justice (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year registration information here. • Select your career interest area and play me3@ASU
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	• Secure a part-time job or volunteer experience • Explore study abroad options
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	• Create a first draft resume • Explore study abroad options
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		

Term hours subtotal:	6

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 230: Introduction to Policing	3	C	
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	• Explore study abroad options • Explore an internship
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your professional online presence.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 302: Research Methods (L)	3	C	• Explore study abroad options • Explore an internship
CRJ 2** Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 303: Statistical Analysis (CS)	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRJ 304: Inequality, Crime and Criminal Justice	3	C	• Explore study abroad options • Explore an internship
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Solution-Based Learning (SBL) Requirement	3		• University general studies requirement in Cultural Diversity in the U.S. is satisfied by successful completion of one of these courses from the Related Area. • The Solution-Based Learning (SBL) is a college requirement for degree completion.
Upper Division Related Area Course	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Students should select a course from the list below for a total of three credit hours.

- Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 309: Criminology (SB)	3	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	
CRJ Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
CRJ 315: Police Organization and Management	3	C	• Explore study abroad options • Explore an internship
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	• Use Handshake to research employment opportunities
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	• Complete an in person or virtual practice interview • Explore an internship
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
CRJ 409: Police Accountability	3	C	
CRJ 410: Criminal Procedure I: The Law of Investigations	3	C	
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 450: Crime Analysis	3	C	• Gather professional references
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Policing Concentration Elective	3	C	• Apply for full-time career opportunities
Term hours subtotal:	3		

- Policing Concentration Elective: choose one course from the list below.
- Students enrolling in CRJ 484 should have an internship with local, state, or federal police or law enforcement agency. Students may substitute other CRJ 494 topics if course focuses on a policing topic.

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete SBL coursework for a total of three credit hours by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1
CRD 302: Inclusive Community Development (SB & C)
CSM 201: Introduction to Parks, Recreation and Sport Management
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)
TDM 458: International Tourism (G)

Interdisciplinary Requirement - Area 2
PAF 200: Public Service and Policy in the 21st Century
PAF 201: Economics and Public Policy (SB)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)

Interdisciplinary Requirement - Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement - Area 4
CPP Elective

Solution-Based Learning (SBL) Requirement
CPP 350: Community Works
CPP 353: Community Impact Lab
CRD 435: Service Learning for Community Development
CRJ 394: Comparative Organized Crime
CRJ 394: The British Roots of U.S. Criminal Justice

Upper Division Policing Concentration Elective
CRJ 321: Evidence: Imperatives of Proof
CRJ 403: Victims and the Criminal Justice System
CRJ 455: Police and International Terrorism
CRJ 484: Internship
CRJ 494: Community Policing

- CRJ 455: Police and International Terrorism
- CRJ 456: Etiology of Martyrdom
- CRJ 484: Internship
- CRJ 499: Individualized Instruction
- NLM 435: Service Learning for Community Development
- PRM 145: Special Events Management
- PRM 203: Program Planning
- SWU 291: Social Service Delivery Systems
- SWU 394: Ending Homelessness
- TDM 345: Meeting and Convention Planning
- CRJ 494: Problem-Oriented Policing
- CRJ 494: Visual Media, Neighborhoods, & Policing

Related Area Courses

- AMS 380: Race, Gender, and Class (SB & C)
- ASB 305: Poverty and Global Health ((L or SB) & G)
- COM 312: Communication, Conflict, and Negotiation
- COM 319: Persuasion and Social Influence (SB)
- COM 414: Crisis Communication
- CPP 350: Community Works
- CPP 353: Community Impact Lab
- CRD 302: Inclusive Community Development (SB & C)
- ENG 301: Writing for the Professions (L)
- ENG 302: Business Writing (L)
- ENG 311: Persuasive Writing (L)
- FMS 380: Race and Gender in U.S. Media (HU & C)
- FMS 423: Italian Organized Crime in Films and History ((L or HU) & G)
- HST 325: Immigration and Ethnicity in the United States (SB & H & C)
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 338: American Indian History since 1900 ((HU or SB) & C & H)
- HST 454: History of Genocide (G & H)

IAS 300: Career Strategies and Personal Resilience (L or SB)

JUS 329: Domestic Violence (SB)

JUS 350: Immigration and Justice (SB & C)

JUS 374: The Holocaust, Genocide, and Human Rights

JUS 432: Racial Justice (L)

JUS 477: Youth and Justice (L or SB)

PAF 300: Public Management and Administration

PAF 311: Leadership and Change (SB)

PAF 340: Contemporary Policy Challenges

PAF 410: Building Leadership Skills (SB)

PAF 460: Public Service Ethics

PAF 469: Terrorism Defense

PHI 306: Applied Ethics (HU)

PHI 307: Philosophy of Law (HU)

PHI 336: Social and Political Philosophy (HU)

PHI 360: Business and Professional Ethics (HU)

POS 310: American National Government (SB)

POS 325: Public Policy Development (SB)

POS 346: Problems of Democracy (HU)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 370: Law and Society (SB)

POS 442: American Political Thought (HU)

POS 467: International Security (SB & G)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

PSY 350: Social Psychology (SB)

PSY 366: Abnormal Psychology (SB)

PSY 368: Forensic Psychology

PUP 301: Introduction to Urban Planning (L)

SGS 340: Violence, Conflict and Human Rights

SOC 312: Adolescence (SB)

SOC 332: The Modern City (G)

SOC 340: Social Deviance (SB)

SOC 352: Social Change (SB & G & H)

STS 364: Science, Technology, and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Nonprofit Leadership and Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPNLMBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NLM 160: Voluntary Action and Community Leadership (SB)	3	C	• ASU 101 is for ASU first-year students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement • Secure experience to start your 100 career field exploration hours
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Social-Behavioral Sciences (SB)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• Secureexperienceto start your 100 career field exploration hours • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NLM 220: Introduction to Nonprofit Organizations	3	C	• Build your professional connections --- join the ASU Mentor Network • Secure experience to continue your 100 career field exploration hours
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			

Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secureexperienceto continue your 100 career field exploration hours
Interdisciplinary Requirement	3		
NLM Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills • Secure experience to continue your 100 career field exploration hours
NLM 300: Fund Raising and Resource Development	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
NLM 310: Volunteer Management	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NLM 380: Financial Management for Nonprofit Organizations	3	C	• Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence • Secure experience to continue your 100 career field exploration hours
NLM 402: Assessment and Evaluation of Community Services	3	C	
NLM 410: Social Entrepreneurship	3	C	
NLM Elective	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NLM 430: Managing Nonprofit Organizations (L)	3	C	• Use Handshake to research employment/internship opportunities • Secure experience to complete your 100 career field exploration hours
CRD 403: Leadership and Professional Development	3	C	
Complete 2 courses: NLM Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NLM 463: Senior Internship	12	C	• Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement-Area 2
PAF 112: Identity, Service and American Democracy (SB & C)
PAF 200: Public Service and Policy in the 21st Century
PAF 201: Economics and Public Policy (SB)
PAF 240: Urban Policy (C)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)

Interdisciplinary Requirement-Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

NLM Elective (choose 12 credits)
ACC 382: Accounting and Financial Analysis
COM 259: Communication in Business and the Professions
COM 263: Elements of Intercultural Communication (SB & C & G)
CRD Elective
CSM 485: Sports Events
CSM Elective
MGT 380: Management and Strategy for Nonmajors
NLM 203: Program Planning
NLM 320: Professional Development Seminar

NLM 420: Nonprofit Leadership Alliance Institute
NLM 435: Service Learning for Community Development
NLM 451: Grant Writing
PAF 410: Building Leadership Skills (SB)
PRM 145: Special Events Management
PRM 304: Recreation and Sport Planning and Facilities (L)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 370: Public Lands Management
PRM Elective
SOC 241: Modern Social Problems (SB)
TDM Elective

Notes:

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- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Nonprofit Leadership and Management (American Indian Studies), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPNLMAIBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
AIS 180: Introduction to American Indian Studies (C)	3	C	• Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Secure experience to start your 100 career field exploration hours
NLM 160: Voluntary Action and Community Leadership (SB)	3	C	
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• Secureexperienceto start your 200 career field exploration hours
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
NLM 220: Introduction to Nonprofit Organizations	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Build your professional connections --- join the ASU Mentor Network • Secureexperienceto continue your 100 career field exploration hours
Interdisciplinary Requirement	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			

Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secureexperienceto continue your 100 career field exploration hours
AIS 285: Federal Indian Policy (H & C)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NLM 300: Fund Raising and Resource Development	3	C	• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills • Secure experience to continue your 100 career field exploration hours
AIS 360: Issues in Urban Indian Country (C)	3	C	
CRD 301: Sustainable Communities	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
NLM 310: Volunteer Management	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NLM 380: Financial Management for Nonprofit Organizations	3	C	• Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence • Secure experience to continue your 100 career field exploration hours
AIS 380: Contemporary Issues of American Indian Nations (C)	3	C	
NLM 402: Assessment and Evaluation of Community Services	3	C	
NLM 410: Social Entrepreneurship	3	C	
NLM Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NLM 430: Managing Nonprofit Organizations (L)	3	C	• Use Handshake to research employment/internship opportunities • Secure experience to complete your 100 career field exploration hours
AIS 370: American Indian Languages and Cultures (C) OR AIS 470: Tribal Governance	3	C	
CRD 403: Leadership and Professional Development	3	C	
NLM Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
NLM 463: Senior Internship	12	C	• Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion
    - Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement-Area 2
PAF 112: Identity, Service and American Democracy (SB & C)
PAF 200: Public Service and Policy in the 21st Century
PAF 201: Economics and Public Policy (SB)
PAF 240: Urban Policy (C)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)

Interdisciplinary Requirement-Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

NLM Elective (choose 6 credits)
ACC 382: Accounting and Financial Analysis
COM 259: Communication in Business and the Professions
COM 263: Elements of Intercultural Communication (SB & C & G)
CRD Elective
CSM 485: Sports Events
CSM Elective
MGT 380: Management and Strategy for Nonmajors
NLM 203: Program Planning

NLM 320: Professional Development Seminar
NLM 420: Nonprofit Leadership Alliance Institute
NLM 435: Service Learning for Community Development
NLM 451: Grant Writing
PAF 410: Building Leadership Skills (SB)
PRM 145: Special Events Management
PRM 304: Recreation and Sport Planning and Facilities (L)
PRM 364: Foundations of Recreation Therapy (SB)
PRM Elective
SOC 241: Modern Social Problems (SB)
TDM Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Parks, Recreation and Sport Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPRMBS

This program's name has changed effective Fall 2022. The previous name was Parks and Recreation Management, BS.

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU 101 is for ASU first-year students only and is not required for transfer students. • For the Interdisciplinary Requirement, students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experience to start your 100 career field exploration hours.
PRM 120: Leisure and the Quality of Life (SB)	3	C	
ASU 101-CPP: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement. • Secure experience to start your 100 career field exploration hours. • Activate your Handshake account and build out your profile.
PRM 203: Program Planning	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• Build your professional connections -- join the ASU Mentor Network. • Secure experience to continue your 100 career field exploration hours.
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		

Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• For the Interdisciplinary Requirement, students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups. • Secure experience to continue your 100 career field exploration hours.
PRM 201: Introduction to Parks, Recreation and Sport Management	3	C	
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement. • Develop your skills. • PRM 304 is offered Fall semester only. • Secure experience to continue your 100 career field exploration hours.
PRM 304: Recreation and Sport Planning and Facilities (L)	3	C	
PRM 306: Advanced Programming and Facilitation	3	C	
PRM 350: Tourism, Recreation and Sports Marketing	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 302: Inclusive Community Development (SB & C)	3	C	• Emphasis Area Requirement: courses may be chosen from one or more Emphasis Areas. • For a career as a Park Ranger, please take the Park Ranger/Natural Resource Management Emphasis Area courses. • Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement. • Develop your professional online presence. • PRM 401 is offered Spring semester only. • Secure experience to continue your 100 career field exploration hours.
PRM 402: Assessment and Evaluation of Community Services	3	C	
PRM 401: Managing Leisure Enterprises	3	C	
Complete 2 courses: Emphasis Area	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 403: Leadership and Professional Development	3	C	• Emphasis Area Requirement: courses may be chosen from one or more Emphasis Areas. • Use Handshake to research employment/internship opportunities. • Secure experience to complete your 100 career field exploration hours.
PRM 315: Creating Community Through Park and Recreation Systems OR PRM 364: Foundations of Recreation Therapy (SB) OR PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Complete 2 courses: Upper Division Emphasis Area	6	C	
Elective	3		
Term hours subtotal:	15		

		Minimum	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ PRM 463: Senior Internship	12	C	• Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement.
Term hours subtotal:	12		

- **Emphasis Areas:** In total, four courses must be taken within the Emphasis Areas. One (or more) Emphasis Area sub-groups may be completed by choosing coursework listed within each area. Courses from the Emphasis Areas will be used to complete the Emphasis Area and Upper Division Emphasis Area requirements.
- **Interdisciplinary Requirement:** Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- **Solution-Based Learning (SBL) College Requirement:** Students must complete one SBL course by degree completion. Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement - Area 4	Community Recreation Emphasis	Inclusive and Adaptive Sports Emphasis
CPP Elective	PRM 315: Creating Community Through Park and Recreation Systems	PRM 335: Sports and Recreation for Youth Development

PRM 335: Sports and Recreation for Youth Development

PRM 364: Foundations of Recreation Therapy (SB)

PRM 455: Recreational Therapy and Play with Children, Youth and Families

PRM 475: Entrepreneurial Recreation and Tourism

PRM 364: Foundations of Recreation Therapy (SB)

PRM 453: Inclusive Community Sport

PRM 455: Recreational Therapy and Play with Children, Youth and Families

Park Ranger/Natural Resource Management Emphasis	Special Event Management Emphasis	Sports Tourism Emphasis
ABS 384: Natural Resources Measurements	PRM 145: Special Events Management	PRM 145: Special Events Management
ABS 430: Watershed Management	PRM 485: Sports Events	PRM 483: Sports Tourism
ABS 479: Ecosystem Management and Planning (L)	PRM 487: Advanced Special Events Management	PRM 485: Sports Events
ABS 485: GIS in Natural Resources	TDM 345: Meeting and Convention Planning	TDM 205: Introduction to Travel and Tourism (G)
ASM 104: Bones, Stones, and Human Evolution (SB or SG)		
BIO 100: The Living World (SQ)		
BIO 130: Introduction to Environmental Science (SQ)		
BIO 324: Environmental Ethics (HU)		
BIO 412: Conservation in Practice		
BIO 434: People and Nature: Ecosystem Services		
ERM 426: Environmental Issues		
ERM 428: International Environmental Management (G)		
GIS 205: Geographic Information Science I (CS)		
GLG 101: Introduction to Geology I (Physical) (SQ)		
GLG 108: Water Planet (SQ)		
GPH 111: Introduction to Physical Geography (SQ)		
PHI 310: Environmental Ethics (HU)		
PRM 340: Outdoor Survival		
PRM 370: Public Lands Management		
PRM 470: Environmental Communication		
SCN 300: Foundations of Environmental Education		

SCN 301: Ecology and Natural History of the Sonoran Desert (SG)	
SOS 412: Conservation in Practice	
TDM 448: Heritage and Cultural Tourism	
TDM 480: Sustainable Tourism	

Youth Sports Emphasis	Other Emphasis
PPE 215: Teaching Team Sports	CRD Elective
PPE 335: Movement and Physiology Principles of Children and Youth in Physical Activity Environments	NLM Elective
PPE 494: Positive Sport Coaching	PAF 410: Building Leadership Skills (SB)
PRM 335: Sports and Recreation for Youth Development	PRM Elective
PRM 483: Sports Tourism	PUP 301: Introduction to Urban Planning (L)
PRM 485: Sports Events	TDM Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Interdisciplinary Requirement	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Interdisciplinary Requirement	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3		
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	• Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion.
Upper Division Public Leadership & Mangement Elective	3	C	
Complete 2 courses: Upper Division Elective	6		

Term hours subtotal: 12

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement-Area 2
CRD 302: Inclusive Community Development (SB & C)
CRD 471: Interprofessional Education and Community Health
CRD 472: Interprofessional Education and Complex Health
CRD 473: Interprofessional Education and Comprehensive Systems Health
CSM 201: Introduction to Parks, Recreation and Sport Management
NLM 160: Voluntary Action and Community Leadership (SB)
NLM 220: Introduction to Nonprofit Organizations
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)
TDM 458: International Tourism (G)

Interdisciplinary Requirement-Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Upper Division Public Leadership and Management Elective
COM Upper Division Elective
HST Upper Division Elective
MGT Upper Division Elective
NLM Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective

Solution-Based Learning (SBL) Requirement
CPP 350: Community Works
CPP 353: Community Impact Lab
CRD 301: Sustainable Communities
CRD 435: Service Learning for Community Development
CRD 471: Interprofessional Education and Community Health

CRD 472: Interprofessional Education and Complex Health

CRD 473: Interprofessional Education and Comprehensive Systems Health

CRJ 317: Inside-Out Prison Exchange Program

CRJ 394: Comparative Organized Crime

CRJ 394: The British Roots of U.S. Criminal Justice

CRJ 455: Police and International Terrorism

CRJ 456: Etiology of Martyrdom

NLM 160: Voluntary Action and Community Leadership (SB)

NLM 435: Service Learning for Community Development

PAF 484: Internship

PRM 145: Special Events Management

PRM 203: Program Planning

PRM 315: Creating Community Through Park and Recreation Systems

PRM 370: Public Lands Management

SWU 291: Social Service Delivery Systems

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy, BS

School/College: Watts College of Public Service & Community Solut
Location: ASU Local
PPPAFBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups • View ASU Online first-year student registration information here.
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• Build your professional connections --- join the ASU Mentor Network
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four
Interdisciplinary Requirement	3		

Term hours subtotal:	6	Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 216: Persuasive Writing on Public Issues (L)	3	C	• Develop your skills.
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Explore an internship.
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 301: Applied Statistics (CS)	3	C	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 302: Public Service Research Methods	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3	C	• Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Solution-Based Learning (SBL) Requirement	3		• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 340: Contemporary Policy Challenges	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Complete an in person or virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 460: Public Service Ethics	3	C	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Public Leadership & Management Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 400: Senior Capstone Project	3	C	
Term hours subtotal:	3		

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Choose one class from the SBL course list.
- Students must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement - Area 2
CRD 302: Inclusive Community Development (SB & C)
CSM 201: Introduction to Community Sports
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)
TDM 458: International Tourism (G)

Interdisciplinary Requirement-Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Upper Division Public Leadership & Management Elective
COM Upper Division Elective
HST Upper Division Elective
MGT Upper Division Elective
NLM Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective

Solution-Based Learning (SBL) Requirement
CPP 350: Community Works
CPP 353: Community Impact Lab
CRD 435: Service Learning for Community Development
CRJ 394: Comparative Organized Crime
CRJ 394: The British Roots of U.S. Criminal Justice
CRJ 455: Police and International Terrorism
CRJ 456: Etiology of Martyrdom
PAF 484: Internship

PRM 145: Special Events Management

PRM 203: Program Planning

SWU 291: Social Service Delivery Systems

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (American Indian Studies), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFAISBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Interdisciplinary Requirement	3		
Elective (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
AIS 180: Introduction to American Indian Studies (C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Interdisciplinary Requirement	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
AIS 280: American Indian Sovereignty and the Courts (H & C)	3	C	
AIS 285: Federal Indian Policy (H & C)	3	C	
COM 225: Public Speaking (L)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
AIS Upper Division Elective (AIS 470 recommended)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Community Sports	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 364: Foundations of Recreation Therapy (SB)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Business), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFBUBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Must have minimum 2.00 ASU Cumulative GPA for MGT 380 in Term 5 • Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Must have minimum 2.00 ASU Cumulative GPA for ACC 382 and FIN 380 in Term 6 • Develop your professional online presence
MGT 380: Management and Strategy for Nonmajors	3	C	
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Must have minimum 2.00 Cumulative GPA for MKT 390 or MKT 395 in Term 7 • Complete an in person or virtual practice interview
ACC 382: Accounting and Financial Analysis	3	C	
FIN 380: Personal Financial Management	3	C	
PAF 302: Public Service Research Methods	3	C	
Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
MKT 390: Essentials of Marketing OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 364: Foundations of Recreation Therapy (SB)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Notes:

-
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120 **General University Requirements Legend**

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Criminology), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFCBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• CRJ 100 satisfies part of the college's interdisciplinary requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups. • Develop your skills
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Students can choose one course from any of the three Interdisciplinary areas/track groups. • Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
CRJ Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
CRJ Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:

- CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
- Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective	
CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)	
CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)	
NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)	
PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)	
PRM 364: Foundations of Recreation Therapy (SB)	SWU 458: Behavioral Health Services	
PRM 380: Wilderness and Parks in America (SB & H)	SWU 459: Spirituality and the Helping Professions	
TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work	
TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Emergency Management and Homeland Security), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFEHBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
PAF 360: Emergency Management I	3	C	
PAF 361: Hazards and Risk Management	3	C	
PAF 461: Homeland Security	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 302: Public Service Research Methods	3	C	• For concentration courses, students must select three courses from the concentration area. • Complete an in person or virtual practice interview
PAF 340: Contemporary Policy Challenges	3	C	
PAF 363: Technology in Emergency Management	3	C	
Complete 2 courses: Upper Division Emergency Management & Homeland Security Concentration Course	6	C	
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	12		

- For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.
- For the Interdisciplinary Requirement:
  - o Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - o To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:
  - o PAF 484 satisfies the SBL requirement.
  - o Student must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement-Area 2
CRD 302: Inclusive Community Development (SB & C)
CRD 471: Interprofessional Education and Community Health
CRD 472: Interprofessional Education and Complex Health
CRD 473: Interprofessional Education and Comprehensive Systems Health
CSM 201: Introduction to Parks, Recreation and Sport Management
NLM 160: Voluntary Action and Community Leadership (SB)
NLM 220: Introduction to Nonprofit Organizations
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)

Interdisciplinary Requirement-Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Emergency Management & Homeland Security Concentration
CRJ 403: Victims and the Criminal Justice System
CRJ 409: Police Accountability
CRJ 412: International Terrorism
CRJ 417: Cyber Terrorism
CRJ 419: Domestic Terrorism
CRJ 422: Violence in America
PAF 424: Emergency Management II

PAF 425: National Incident Management System (NIMS)
PAF 468: Planning and Exercises
PAF 469: Terrorism Defense

Notes:

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Upper Division Hours: 45 minimum
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Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Emergency Management and Homeland Security), BS

School/College: Watts College of Public Service & Community Solut
Location: ASU Local
PPPAFEHBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		• View ASU Online first-year student registration information here. • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four
Interdisciplinary Requirement	3		

Term hours subtotal:	6	

Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.

- Build your professional connections --- join the ASU Mentor Network

Term 3 - B 31 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 216: Persuasive Writing on Public Issues (L)	3	C	• Develop your skills.
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Explore an internship.
PAF 360: Emergency Management I	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 361: Hazards and Risk Management	3	C	
PAF 301: Applied Statistics (CS)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 302: Public Service Research Methods	3	C	
PAF 363: Technology in Emergency Management	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ PAF 461: Homeland Security	3	C	• Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.
Solution-Based Learning (SBL) Requirement	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 340: Contemporary Policy Challenges	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Complete an in person or virtual practice interview.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 460: Public Service Ethics	3	C	
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 400: Senior Capstone Project	3	C	
Term hours subtotal:	3		

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- For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.

- For the Interdisciplinary Requirement:
  - o Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - o To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:
  - o Choose one class from the SBL course list.
  - o Student must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement - Area 2
CRD 302: Inclusive Community Development (SB & C)
CSM 201: Introduction to Parks, Recreation and Sport Management
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)
TDM 458: International Tourism (G)

Interdisciplinary Requirement-Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Solution-Based Learning (SBL) Requirement
CPP 350: Community Works
CPP 353: Community Impact Lab
CRD 435: Service Learning for Community Development
CRJ 394: Comparative Organized Crime
CRJ 394: The British Roots of U.S. Criminal Justice
CRJ 455: Police and International Terrorism
CRJ 456: Etiology of Martyrdom
PAF 484: Internship
PRM 145: Special Events Management
PRM 203: Program Planning
SWU 291: Social Service Delivery Systems
SWU 394: Ending Homelessness

Emergency Management & Homeland Security Concentration
CRJ 403: Victims and the Criminal Justice System
CRJ 409: Police Accountability
CRJ 412: International Terrorism
CRJ 417: Cyber Terrorism
CRJ 419: Domestic Terrorism
CRJ 422: Violence in America
PAF 424: Emergency Management II
PAF 425: National Incident Management System (NIMS)
PAF 468: Planning and Exercises
PAF 469: Terrorism Defense

TDM 345: Meeting and Convention Planning

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Health Policy), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFHPBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Interdisciplinary Requirement	3		
Elective (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
HSC 210: Cultural Aspects of Health (C)	3	C	
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
Complete 2 courses: Upper Division Health Policy Concentration Elective	6	C	
Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
Upper Division Health Policy Concentration Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

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- Students must complete one SBL course by degree completion.
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Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
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SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Upper Division Health Policy Concentration Electives
ASB 301: Global History of Health (SB & G & H)
HSC 300: Complementary Health Care
HSC 310: Health Communication
HSC 410: Supporting the Health of Older Adults
HSC 412: Health Issues in Later Life
HSC 432: Legal Issues in Health Care
SOC 424: Women and Health (SB)
SOC 427: Sociology of Health and Illness (SB)

SOS 414: Urban and Environmental Health (SB)
TCL 327: Health and Migration (SB)

Notes:

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Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Law and Policy), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFLPBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• CRJ 100 satisfies part of the college's interdisciplinary requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	
LAW 210: Introduction to American Legal System and Business Law	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
CRJ 350: Law and Social Control (SB) OR CRJ 410: Criminal Procedure I: The Law of Investigations OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective	3	C	
PAF 302: Public Service Research Methods	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
Complete 2 courses: CRJ 350: Law and Social Control (SB) OR CRJ 410: Criminal Procedure I: The Law of Investigations OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3	Interdisciplinary Requirement-Area 4
CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective	
CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)	
CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)	
NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)	
PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)	
PRM 364: Foundations of Recreation Therapy (SB)	SWU 458: Behavioral Health Services	
PRM 380: Wilderness and Parks in America (SB & H)	SWU 459: Spirituality and the Helping Professions	
TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work	
TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

Notes:

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    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Nonprofit Leadership and Management), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPANLMBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• NLM 160 satisfies part of the college's interdisciplinary requirement. • Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NLM 160: Voluntary Action and Community Leadership (SB)	3	C	
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: NLM 160 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
CRD 210: Community Services and Professions	3	C	
NLM 220: Introduction to Nonprofit Organizations	3	C	
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
NLM 300: Fund Raising and Resource Development	3	C	
PAF 302: Public Service Research Methods	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
NLM 430: Managing Nonprofit Organizations (L) OR NLM 310: Volunteer Management OR NLM 410: Social Entrepreneurship	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - NLM 160 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
  - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of NLM 160 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRJ 203: Courts and Sentencing	SWU 181: Economics: A Social Issues Perspective	
CRJ 204: Juvenile Justice	SWU 182: Social Services Perspective of Government (SB)	
CRJ 230: Introduction to Policing	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
CRJ 240: Introduction to Corrections	SWU 250: Stress Management Tools I (SB)	
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	SWU 349: Stress Management Tools II (SB)	
CRJ 270: Community Justice (SB)	SWU 456: Immigrants and Refugees (C)	
CRJ 305: Gender, Crime, and Criminal Justice (C)	SWU 458: Behavioral Health Services	
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	SWU 459: Spirituality and the Helping Professions	
CRJ 309: Criminology (SB)	SWU 460: Legal Issues in Social Work	
CRJ 350: Law and Social Control (SB)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Parks and Recreation Management), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAPRMBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• PRM 120 satisfies part of the college's interdisciplinary requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PRM 120: Leisure and the Quality of Life (SB)	3	C	
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
PRM 203: Program Planning	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Upper Division Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
PRM 145: Special Events Management OR PRM 315: Creating Community Through Park and Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
PRM 145: Special Events Management OR PRM 315: Creating Community Through Park and Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PRM 203 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRJ 203: Courts and Sentencing	SWU 181: Economics: A Social Issues Perspective	
CRJ 204: Juvenile Justice	SWU 182: Social Services Perspective of Government (SB)	
CRJ 230: Introduction to Policing	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
CRJ 240: Introduction to Corrections	SWU 250: Stress Management Tools I (SB)	
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	SWU 349: Stress Management Tools II (SB)	
CRJ 270: Community Justice (SB)	SWU 456: Immigrants and Refugees (C)	
CRJ 305: Gender, Crime, and Criminal Justice (C)	SWU 458: Behavioral Health Services	
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	SWU 459: Spirituality and the Helping Professions	
CRJ 309: Criminology (SB)	SWU 460: Legal Issues in Social Work	
CRJ 350: Law and Social Control (SB)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

Notes:

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    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Science and Technology Policy), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFSTBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Upper Division Science & Technology Concentration Course	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
Complete 2 courses: Upper Division Science & Technology Concentration Course	6	C	
Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
Upper Division Science & Technology Concentration Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement - Area 2
CRD 302: Inclusive Community Development (SB & C)
CRD 471: Interprofessional Education and Community Health
CRD 472: Interprofessional Education and Complex Health
CRD 473: Interprofessional Education and Comprehensive Systems Health
CSM 201: Introduction to Parks, Recreation and Sport Management
NLM 160: Voluntary Action and Community Leadership (SB)
NLM 220: Introduction to Nonprofit Organizations
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)
TDM 458: International Tourism (G)

Interdisciplinary Requirement-Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Upper Division Science & Technology Concentration Courses
BIO 312: Bioethics (HU)
FIS 336: Science and Technology Policy
GPH 314: Global Change (HU & G)
HON 494: Law, Science, and Technology
JUS 334: Science, Technology and Inequality (C)
PAF 350: Introduction to Science & Technology Policy
POS 300: Contemporary Global Controversies (SB & G)
POS 364: National Security, Intelligence, and Terrorism (SB)

POS 394: Global Environmental Politics

STS 325: Science, Technology, and Public Policy (SB)

WST 340: Gender, Science, and Technology (SB)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Social Services Delivery), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFSSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• SWU 171 satisfies part of the college's interdisciplinary requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHI 101: Introduction to Philosophy (HU)	3	C	
SWU 171: Introduction to Social Work (SB & H)	3	C	
Elective (PAF 112 recommended)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: SWU 171 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups. • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
SWU 291: Social Service Delivery Systems	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

- Develop your skills

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Students can choose one course from any of the three Interdisciplinary areas/track groups. • Explore an internship
COM 225: Public Speaking (L)	3	C	
SWU 295: Foundations of Social Work Practice (SB & C)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
SWU 306: Ethics in Social Services (L)	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
SWU 311: Integrative Social Work Practice	3	C	
SWU 312: Integrative Social Work Practice Skills	3	C	
Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
SWU 303: Micro Human Behavior and the Social Environment (L or SB)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - SWU 171 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of SWU 291 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 364: Foundations of Recreation Therapy (SB)	
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	

Notes:

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    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Public Service and Public Policy (Sustainability), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SOC 101: Introductory Sociology (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 110: Sustainable World (SB)	3	C	
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) (PAF 112 recommended)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 200: Public Service and Policy in the 21st Century	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your skills
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 201: Economics and Public Policy (SB)	3	C	• Explore an internship
COM 225: Public Speaking (L)	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 311: Leadership and Change (SB)	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses: Elective	6		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual practice interview
PAF 302: Public Service Research Methods	3	C	
Complete 2 courses: Upper Division Sustainability Concentration Elective	6	C	
Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
Upper Division Sustainability Concentration Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement-Area 2
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 3
CRD 302: Inclusive Community Development (SB & C)
CRD 471: Interprofessional Education and Community Health
CRD 472: Interprofessional Education and Complex Health
CRD 473: Interprofessional Education and Comprehensive Systems Health
CSM 201: Introduction to Community Sports
NLM 160: Voluntary Action and Community Leadership (SB)
NLM 220: Introduction to Nonprofit Organizations
PRM 120: Leisure and the Quality of Life (SB)
PRM 364: Foundations of Recreation Therapy (SB)
PRM 380: Wilderness and Parks in America (SB & H)
TDM 205: Introduction to Travel and Tourism (G)
TDM 458: International Tourism (G)

Interdisciplinary Requirement-Area 4
CPP Elective

Sustainability Concentration Electives
SOS 320: Society and Sustainability (L or SB)
SOS 321: Policy and Governance in Sustainable Systems
SOS 322: International Development and Sustainability
SOS 323: Sustainable Urban Dynamics
SOS 324: Sustainable Energy Technology and Systems
SOS 325: The Economics of Sustainability
SOS 326: Sustainable Ecosystems
SOS 327: Sustainable Food and Farms

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Recreation Therapy, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPRECTBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: SWU 183 (term 3) satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement, Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement. • Secure experience to start your 100 career field exploration hours
PRM 120: Leisure and the Quality of Life (SB)	3	C	
ASU 101-CPP: The ASU Experience	1		
PSY 101: Introduction to Psychology (SB)	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• Secure experience to start your 100 career field exploration hours • Activate your Handshake account and build out your profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
BIO 160: Introduction to Anatomy and Physiology (SQ)	4		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	2		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • Build your professional connections --- join the ASU Mentor Network • Secure experience to continue your 100 career field exploration hours
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
PRM 203: Program Planning	3		
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB)	3	C	• Securevolunteer experienceto start your 100 career field exploration hours • Explore Child Life • BIO 202 is recommended for students seeking graduate education in health professions
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Elective (BIO 202 recommended)	4		
Elective	2		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement • PRM 304 - offered Fall semester only • Develop your skills • Secure experience to continue your 100 career field exploration hours
PRM 304: Recreation and Sport Planning and Facilities (L)	3	C	
PRM 384: Recreational Therapy Practicum	3	C	
EXW 330: Kinesiological Foundations of Movement	4		
PRM 364: Foundations of Recreation Therapy (SB)	3	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PRM 402: Assessment and Evaluation of Community Services	3	C	• Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence • PRM 400, PRM 406 and PRM 450 - offered Spring semester only • Secure experience to continue your 100 career field exploration hours
PRM 406: Program Design and Administration in Recreational Therapy	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
PRM 400: Intervention Techniques in Recreational Therapy	3	C	
PRM 450: Therapeutic Recreation and Community Health	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PRM 460: Assessment and Documentation in Recreational Therapy	3	C	• Use Handshake to research employment/internship opportunities • PRM 460 - offered Fall semester only • Explore Handshake Resources to complete your 100 career field exploration hours
PRM 413: Leadership and Professional Development in Recreational Therapy	3	C	
PSY 366: Abnormal Psychology (SB)	3	C	
Complete 2 courses: PRM-Therapeutic Recreation Elective	6	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PRM 463: Senior Internship	12	C	• Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	12		

- For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

  For the Interdisciplinary Requirement:
    - SWU 183 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

Hide Course List(s)/Track Group(s)

Public Service Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)
PRM-Therapeutic Recreation Elective (Choose two courses)
CRD 471: Interprofessional Education and Community Health
CRD 472: Interprofessional Education and Complex Health
CRD 473: Interprofessional Education and Comprehensive Systems Health
DST 101: Introduction to Disability Studies (C)
NLM 300: Fund Raising and Resource Development

Interdisciplinary Requirement-Area 2
PAF 112: Identity, Service and American Democracy (SB & C)
PAF 200: Public Service and Policy in the 21st Century
PAF 201: Economics and Public Policy (SB)
PAF 240: Urban Policy (C)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)

Interdisciplinary Requirement-Area 3
CPP Elective

NLM 310: Volunteer Management

NLM 451: Grant Writing

PRM 306: Advanced Programming and Facilitation

PRM 335: Sports and Recreation for Youth Development

PRM 350: Tourism, Recreation and Sports Marketing

PRM 380: Wilderness and Parks in America (SB & H)

PRM 440: Advocacy in Therapeutic Recreation

PRM 453: Inclusive Community Sport

PRM 455: Recreational Therapy and Play with Children, Youth and Families

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Social Work, BSW

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus, ASU at Tucson
PPSWUSWU

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SWU 171: Introduction to Social Work (SB & H)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3		• Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • By the end of term four, students should have completed the following requirements: 1. ECN 211 or SWU 181 2. PHI 101 or PHI 105 or SWU 183 3. POS 110 or SWU 182 • Join a student club or professional organization.
ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4-3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17-16		

Term 3 33 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB)	3		• Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		in the United States" General Studies designation, will satisfy this requirement. • By the end of term four, students should have completed the following requirements: 1. ECN 211 or SWU 181 2. PHI 101 or PHI 105 or SWU 183 3. POS 110 or SWU 182 • Develop your skills.
Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4-3		
Elective	3-4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 47 - 62 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SWU 291: Social Service Delivery Systems	3	C	• Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement. • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement
SWU 295: Foundations of Social Work Practice (SB & C)	3	C	
Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4-3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	2-3		
Maintain 2.50 GPA in Major Courses.			
Minimum 2.00 GPA ASU Cumulative.			
Complete ECN 211 OR SWU 181 course.			
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 302: Human Biology for Social Workers	3		• Students who have already completed a human biology course may take an upper division elective in place of SWU 302. See your advisor for permission. • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement. • Develop your professional online presence.
SWU 303: Micro Human Behavior and the Social Environment (L or SB)	3	C	
SWU 340: Macro Human Behavior and the Social Environment (SB)	3	C	
SWU 374: Diversity and Oppression in a Social Work Context (C)	3	C	
Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4-3		
Milestone: Apply for Level 1 fingerprint clearance card.			
Maintain 3.00 GPA in Major Courses.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 306: Ethics in Social Services (L)	3	C	• BSW Advancement includes: Successful completion of SWU 171, SWU 291, SWU 295, SWU 303, SWU 306, SWU 311, SWU 312, SWU 340, SWU 374, and Documented completion of 40 hours human services experience, and
SWU 311: Integrative Social Work Practice	3	C	
SWU 312: Integrative Social Work Practice Skills	3	C	
SWU 321: Statistics for Social Workers (CS)	3		
Interdisciplinary Requirement	3		

Milestone: Completion of all lower-division university general studies requirements.		
Milestone: Submit materials for BSW advancement.		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 3.00 GPA in Major Courses.		
Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

Level 1 Fingerprint Clearance Card, and Signed Standards of Professional and Ethical Behavior form.

- For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- Use Handshake to research employment opportunities.

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 320: Research Methods in Social Work	3	C	• Successful completion of SWU 412 will satisfy the college Solution-Based Learning (SBL) Requirement. • Apply for full-time career opportunities. • To maintain BSW Professional Program status, students must sustain an overall GPA of 2.00 and Social Work GPA of 3.00 with no grade lower than a C.
SWU 410: Social Work Practice II	3	C	
SWU 412: Field Instruction I	3	C	
SWU 413: Field Instruction Seminar	3	C	
SWU 432: Social Policy and Services	3	C	
Maintain 3.00 GPA in Major Courses.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SWU 411: Social Work Practice III	3	C	• Successful completion of SWU 414 will satisfy the college Solution-Based Learning (SBL) Requirement • To maintain BSW Professional Program status, students must sustain an overall GPA of 2.00 and Social Work GPA of 3.00 with no grade lower than a C. • Students select one course from the BSW Area of Interest course list below.
SWU 414: Field Instruction II	3	C	
SWU 415: Integrative Field Seminar	3	C	
BSW Area of Interest	3	C	
Maintain 3.00 GPA in Major Courses.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291, SWU 412, or SWU 414 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	CRD 302: Inclusive Community Development (SB & C)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	CRD 471: Interprofessional Education and Community Health
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	

CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	CRD 472: Interprofessional Education and Complex Health
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	CRD 473: Interprofessional Education and Comprehensive Systems Health
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	CSM 201: Introduction to Parks, Recreation and Sport Management
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		NLM 160: Voluntary Action and Community Leadership (SB)
CRJ 270: Community Justice (SB)		NLM 220: Introduction to Nonprofit Organizations
CRJ 305: Gender, Crime, and Criminal Justice (C)		PRM 120: Leisure and the Quality of Life (SB)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		PRM 364: Foundations of Recreation Therapy (SB)
CRJ 309: Criminology (SB)		PRM 380: Wilderness and Parks in America (SB & H)
CRJ 350: Law and Social Control (SB)		TDM 205: Introduction to Travel and Tourism (G)
		TDM 458: International Tourism (G)

Interdisciplinary Requirement-Area 4	BSW Area of Interest
CPP Elective	SWU 416: Domestic Violence and National AmeriCorps Service
	SWU 417: Technology, Interpersonal Relationships and Abuse
	SWU 418: Global Violence Against Women
	SWU 442: Child Welfare Practice
	SWU 454: Overview of Addictions
	SWU 456: Immigrants and Refugees (C)
	SWU 457: Southwest Borderland Immigration Issues (C)
	SWU 458: Behavioral Health Services
	SWU 459: Spirituality and the Helping Professions
	SWU 460: Legal Issues in Social Work
	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
	SWU 462: Global Social Welfare (G)
	SWU 488: Advocacy Strategies
	SWU 498: Pro-Seminar (L)

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Tourism Development and Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experience to start your 100 career field exploration hours
PRM 120: Leisure and the Quality of Life (SB)	3	C	
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TDM 205: Introduction to Travel and Tourism (G)	3	C	• Build your professional connections --- join the ASU Mentor Network • Secureexperienceto start your 100 career field exploration hours
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secureexperienceto continue your 100 career field exploration hours
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• Secureexperienceto continue your 100 career field exploration hours
TDM Elective Area	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills • Secure experience to continue your 100 career field exploration hours
TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	
TDM Elective Area	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TDM 402: Assessment and Evaluation of Community Services	3	C	• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence • Secure experience to continue your 100 career field exploration hours • Taking TDM 345 and TDM 356 will yield the Convention Sales and Meeting Planning certificate.
TDM 458: International Tourism (G)	3	C	
TDM 480: Sustainable Tourism	3	C	
TDM Elective Area	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 403: Leadership and Professional Development	3	C	• Use Handshake to research employment opportunities • Secure experience to complete your 100 career field exploration hours
TDM 401: Tourism Management	3	C	
TDM Elective Area	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TDM 463: Senior Internship	12	C	• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement-Area 2
PAF 112: Identity, Service and American Democracy (SB & C)
PAF 200: Public Service and Policy in the 21st Century
PAF 201: Economics and Public Policy (SB)
PAF 240: Urban Policy (C)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)

Interdisciplinary Requirement - Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Tourism Development and Management Electives
CRD Elective
CSM Elective (CSM 201 OR CSM 483 OR CSM 485 recommended)
ENG 379: Travel Writing (L)
PAF 410: Building Leadership Skills (SB)
PRM Elective (PRM 145 OR PRM 304 OR PRM 470 recommended)
NLM Elective
TDM 225: Introduction to Resort and Hotel Management
TDM 345: Meeting and Convention Planning

TDM 386: Convention Sales and Management

TDM 415: Tourism Transportation Systems

TDM 448: Heritage and Cultural Tourism

TDM 475: Entrepreneurial Recreation and Tourism

TDM 481: Sustainable Food Management in Tourism

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Tourism Development and Management (Meetings and Events), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMMEBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 120: Leisure and the Quality of Life (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU first-year students only and is not required for transfer students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TDM 205: Introduction to Travel and Tourism (G)	3	C	• Build your professional connections -- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• Secure volunteer experience to start your 100 career field exploration hours
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	
PRM 203: Program Planning	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills
TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
PRM 145: Special Events Management	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PRM 487: Advanced Special Events Management	3	C	• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement. • Develop your professional online presence • PRM 487 is offered in Spring semester only
TDM 402: Assessment and Evaluation of Community Services	3	C	
TDM 345: Meeting and Convention Planning	3	C	
Complete 2 courses: TDM Meetings and Events Concentration Elective	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 403: Leadership and Professional Development	3	C	• Research employment and internship opportunities
TDM 458: International Tourism (G)	3	C	
TDM 401: Tourism Management	3	C	
TDM 480: Sustainable Tourism	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TDM 463: Senior Internship	12	C	• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of CRD 301, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4	TDM Meetings and Events Concentration Electives (choose two)
CPP Elective	PRM 422: Special Event Technology and Production
	PRM 423: Special Event Operations
	PRM 427: Where's the Money: Special Event Revenue Generation
	TDM 386: Convention Sales and Management
	TDM 481: Sustainable Food Management in Tourism

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Tourism Development and Management (Resort and Hotel Leadership), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMRBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 120: Leisure and the Quality of Life (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TDM 205: Introduction to Travel and Tourism (G)	3	C	• For the Interdisciplinary Requirement: PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement. • Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Interdisciplinary Requirement Course	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• Secure volunteer experience to start your 100 career field exploration hours • Activate your Handshake account and build out your profile.
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	
TDM 225: Introduction to Resort and Hotel Management	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills • Secure experience to continue your 100 career field exploration hours
TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	
Resort and Hotel Leadership Elective	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TDM 402: Assessment and Evaluation of Community Services	3	C	• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • PAF 410 satisfies part of the college's Interdisciplinary requirement. • Develop your professional online presence • TDM 481 and TDM 482 - offered Spring semester only • Secure experience to continue your 100 career field exploration hours
TDM 481: Sustainable Food Management in Tourism	3	C	
PAF 410: Building Leadership Skills (SB)	3	C	
TDM 482: Sustainable Revenue Management	3	C	
Resort and Hotel Leadership Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 403: Leadership and Professional Development	3	C	• Research employment and internship opportunities • Secure experience to complete your 100 career field exploration hours
TDM 401: Tourism Management	3	C	
TDM 458: International Tourism (G)	3	C	
TDM 480: Sustainable Tourism	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TDM 463: Senior Internship	12	C	• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement - Area 2
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 3
CPP Elective

Resort and Hotel Leadership Electives
LES 305: Business Law and Ethics for Managers
MGT 380: Management and Strategy for Nonmajors
PRM 145: Special Events Management
PRM 475: Entrepreneurial Recreation and Tourism
TDM 345: Meeting and Convention Planning
TDM 386: Convention Sales and Management

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Tourism Development and Management (Sustainable Tourism), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMSBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 120: Leisure and the Quality of Life (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU first-year students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TDM 205: Introduction to Travel and Tourism (G)	3	C	• Build your professional connections --- join the ASU Mentor Network
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CRD 210: Community Services and Professions	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure volunteer experience to start your 100 career field exploration hours
SOS 100: Introduction to Sustainability (G)	3	C	
Interdisciplinary Requirement	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	
Sustainable Tourism Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 301: Sustainable Communities	3	C	• Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills
TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
SOS 300: Advanced Concepts and Integrated Approaches in Sustainability	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TDM 402: Assessment and Evaluation of Community Services	3	C	• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence • TDM 481 - offered Spring semester only
TDM 481: Sustainable Food Management in Tourism	3	C	
TDM 448: Heritage and Cultural Tourism	3	C	
TDM 458: International Tourism (G)	3	C	
Sustainable Tourism Elective	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 403: Leadership and Professional Development	3	C	• Research employment and internship opportunities
TDM 401: Tourism Management	3	C	
TDM 480: Sustainable Tourism	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TDM 463: Senior Internship	12	C	• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1
CRJ 100: Introduction to Criminal Justice (SB)
CRJ 201: Criminal Justice Crime Control Policies and Practices
CRJ 203: Courts and Sentencing
CRJ 204: Juvenile Justice
CRJ 230: Introduction to Policing
CRJ 240: Introduction to Corrections
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law
CRJ 270: Community Justice (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)
CRJ 309: Criminology (SB)
CRJ 350: Law and Social Control (SB)

Interdisciplinary Requirement-Area 2
PAF 112: Identity, Service and American Democracy (SB & C)
PAF 200: Public Service and Policy in the 21st Century
PAF 201: Economics and Public Policy (SB)
PAF 240: Urban Policy (C)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)

Interdisciplinary Requirement - Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 250: Stress Management Tools I (SB)
SWU 349: Stress Management Tools II (SB)
SWU 456: Immigrants and Refugees (C)
SWU 458: Behavioral Health Services
SWU 459: Spirituality and the Helping Professions
SWU 460: Legal Issues in Social Work
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Sustainable Tourism Electives
PRM 370: Public Lands Management
PRM 470: Environmental Communication
TDM 225: Introduction to Resort and Hotel Management
TDM 415: Tourism Transportation Systems
TDM 475: Entrepreneurial Recreation and Tourism
TDM 482: Sustainable Revenue Management
TDM 483: Sports Tourism

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Tourism and Recreation Management, BS

School/College: Watts College of Public Service & Community Solut
Location: ASU at Lake Havasu
PPTRMBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 120: Leisure and the Quality of Life (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TDM 205: Introduction to Travel and Tourism (G)	3	C	• Network in your career interest area
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• Secure volunteer experience to start your 100 career field exploration hours
PRM 210: Leisure Delivery Systems	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 203: Program Planning	3	C	• Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Students select one emphasis area below and choose core courses and emphasis electives from the same area. Students must select one of the following four emphases: Events Tourism Recreation Sport
Emphasis Core Course	3	C	
Interdisciplinary Requirement	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 302: Inclusive Community Development (SB & C)	3	C	• Develop your skills
PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
CRD 350: Tourism, Recreation and Sports Marketing	3	C	
Emphasis Core Course	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 401: Managing Leisure Enterprises	3	C	• Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Students select one emphasis area below and choose core courses and emphasis electives from the same area. • Develop your professional online presence
Emphasis Elective Course	3	C	
CRD 402: Assessment and Evaluation of Community Services	3	C	
PRM 310: Volunteer Management	3	C	
Upper Division Emphasis Elective Course	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 403: Leadership and Professional Development	3	C	• Students select one emphasis area below and choose core courses and emphasis electives from the same area. • Use Handshake to research employment and internship opportunities
Upper Division Emphasis Elective Course	3	C	
Emphasis Core Course	3	C	
Upper Division Elective	3		

Elective	3	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PRM 484: Internship or TDM 484: Internship or CSM 484: Internship OR CRD 435: Service Learning for Community Development AND Additional Emphasis Elective	6	C	• Successful completion of PRM 484, TDM 484, CSM 484, or CRD 435 will satisfy the college Solution-Based Learning (SBL) Requirement
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PRM 203, CRD 402, TDM 484, PRM 484, CSM 484 or CRD 435 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4	Events Emphasis Core Courses (grade of "C" required)	Events Emphasis Elective Courses (choose 3 courses; grade of "C" required)

CPP Elective	PRM 145: Special Events Management	CSM 483: Sports Tourism
	PRM 487: Advanced Special Events Management	CSM 485: Sports Events
	TDM 345: Meeting and Convention Planning	PRM 475: Entrepreneurial Recreation and Tourism
		TDM 345: Meeting and Convention Planning
		TDM 386: Convention Sales and Management
Recreation Emphasis Core Courses (grade of "C" required)	Recreation Emphasis Elective Courses (choose 3 courses; grade of "C" required)	Sport Emphasis Core Courses (grade of "C" required)
PRM 201: Introduction to Parks, Recreation and Sport Management	GIS 494: GIS Methods for Non-Majors	CSM 201: Introduction to Parks, Recreation and Sport Management
PRM 364: Foundations of Recreation Therapy (SB)	PRM 145: Special Events Management	CSM 453: Inclusive Community Sport
PRM 453: Inclusive Community Sport	PRM 455: Recreational Therapy and Play with Children, Youth and Families	CSM 483: Sports Tourism
PRM 475: Entrepreneurial Recreation and Tourism	PRM 485: Sports Events	CSM 485: Sports Events
	PRM 487: Advanced Special Events Management	
	TDM 345: Meeting and Convention Planning	
	TDM 448: Heritage and Cultural Tourism	
	TDM 480: Sustainable Tourism	
Sport Emphasis Elective Courses (choose 3 courses; grade of "C" required)	Tourism Emphasis Core Course (grade of "C" required)	Tourism Emphasis Elective Courses (choose 3 courses; grade of "C" required)
PRM 145: Special Events Management	TDM 225: Introduction to Resort and Hotel Management	PRM 145: Special Events Management
PRM 364: Foundations of Recreation Therapy (SB)	TDM 458: International Tourism (G)	TDM 345: Meeting and Convention Planning
PRM 487: Advanced Special Events Management	TDM 480: Sustainable Tourism	TDM 386: Convention Sales and Management
TDM 345: Meeting and Convention Planning		TDM 448: Heritage and Cultural Tourism
TDM 458: International Tourism (G)		TDM 475: Entrepreneurial Recreation and Tourism
TDM 475: Entrepreneurial Recreation and Tourism		TDM 483: Sports Tourism

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Tourism and Recreation Management, BS

School/College: Watts College of Public Service & Community Solut
Location: ASU Local
PPTRMBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 120: Leisure and the Quality of Life (SB)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 210: Leisure Delivery Systems	3	C	• Build your professional connections --- join the ASU Mentor Network
MAT 142: College Mathematics (MA)	3	C	
Term hours subtotal:	6		

Term 2 - B 20 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TDM 205: Introduction to Travel and Tourism (G)	3	C	• Secure volunteer experience to start your 200 career field exploration hours
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

		Minimum	

Term 3 - B 33 - 39 Credit Hours Critical course signified by	Hours	Grade	Notes
Humanities, Arts and Design (HU)	3		• Consider combining your electives into one of the online minors. Suggestions include: anthropology business organizational leadership sociology sustainability
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L) (COM 225 OR ENG 301 recommended)	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PRM 203: Program Planning	3	C	• Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 302: Inclusive Community Development (SB & C)	3	C	• Develop your skills
PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Emphasis Core Course	3	C	• Students select one emphasis area below and choose core courses and emphasis electives from the same area. Students must select one of the following four emphases: events tourism recreation sport
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Emphasis Core Course	3	C	
CRD 350: Tourism, Recreation and Sports Marketing	3	C	

Term hours subtotal:	6		• Students select one emphasis area below and choose core courses and emphasis electives from the same area.

Term 6 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PRM 310: Volunteer Management	3	C	• Core and elective courses for each emphasis are shown at the bottom of the major map.
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Develop your professional online presence
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Emphasis Elective Course	3	C	• Students select one emphasis area below and choose core courses and emphasis electives from the same area.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Emphasis Core Course	3	C	• Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement. • Students select one emphasis area below and choose core courses and emphasis electives from the same area.
CRD 402: Assessment and Evaluation of Community Services	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 401: Managing Leisure Enterprises	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
CRD 403: Leadership and Professional Development	3	C	Use Handshake to research employment and internship opportunities
Upper Division Emphasis Elective Course	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Emphasis Elective Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

		Minimum	

Term 10 - A 111 - 114 Credit Hours	Hours	Grade	Notes
Upper Division Elective	3		• Students select one emphasis area below and choose core courses and emphasis electives from the same area.
Term hours subtotal:	3		

Term 10 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PRM 484: Internship or TDM 484: Internship or CSM 484: Internship OR CRD 435: Service Learning for Community Development AND Additional Emphasis Elective	6	C	• PRM 484, TDM 484, CSM 484, or CRD 435 offered as a C Session course. • Successful completion of PRM 484, TDM 484, CSM 484, or CRD 435 will satisfy the college Solution-Based Learning (SBL) Requirement
Term hours subtotal:	6		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PRM 203, CRD 402, TDM 484, PRM 484, CSM 484 or CRD 435 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 200: Public Service and Policy in the 21st Century	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 201: Economics and Public Policy (SB)	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 311: Leadership and Change (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 410: Building Leadership Skills (SB)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing		SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections		SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 460: Legal Issues in Social Work
CRJ 309: Criminology (SB)		

CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	Events Emphasis Core Courses (grade of "C" required)	Events Emphasis Elective Courses (choose 3 courses; grade of "C" required)
CPP Elective	PRM 145: Special Events Management	CSM 483: Sports Tourism
	PRM 487: Advanced Special Events Management	CSM 485: Sports Events
	TDM 345: Meeting and Convention Planning	PRM 475: Entrepreneurial Recreation and Tourism
		TDM 345: Meeting and Convention Planning
		TDM 386: Convention Sales and Management
Recreation Emphasis Core Courses (grade of "C" required)	Recreation Emphasis Elective Courses (choose 3 courses; grade of "C" required)	Sport Emphasis Core Courses (grade of "C" required)
PRM 201: Introduction to Parks, Recreation and Sport Management	PRM 145: Special Events Management	CSM 201: Introduction to Parks, Recreation and Sport Management
PRM 364: Foundations of Recreation Therapy (SB)	PRM 455: Recreational Therapy and Play with Children, Youth and Families	CSM 453: Inclusive Community Sport
PRM 453: Inclusive Community Sport	PRM 485: Sports Events	CSM 483: Sports Tourism
PRM 475: Entrepreneurial Recreation and Tourism	PRM 487: Advanced Special Events Management	CSM 485: Sports Events
	TDM 345: Meeting and Convention Planning	
	TDM 448: Heritage and Cultural Tourism	
	TDM 480: Sustainable Tourism	
	GIS 494: GIS Methods for Non-Majors	
Sport Emphasis Elective Courses (choose 3 courses; grade of "C" required)	Tourism Emphasis Core Course (grade of "C" required)	Tourism Emphasis Elective Courses (choose 3 courses; grade of "C" required)
PRM 145: Special Events Management	TDM 225: Introduction to Resort and Hotel Management	PRM 145: Special Events Management
PRM 364: Foundations of Recreation Therapy (SB)	TDM 458: International Tourism (G)	TDM 345: Meeting and Convention Planning
PRM 487: Advanced Special Events Management	TDM 480: Sustainable Tourism	TDM 386: Convention Sales and Management
TDM 458: International Tourism (G)		TDM 448: Heritage and Cultural Tourism
TDM 475: Entrepreneurial Recreation and Tourism		TDM 475: Entrepreneurial Recreation and Tourism
TDM 345: Meeting and Convention Planning		TDM 483: Sports Tourism

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Urban and Metropolitan Studies, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPURBBS

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
ASU 101-CPP: The ASU Experience	1		
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Build your professional connections --- join the ASU Mentor Network
MAT 142: College Mathematics (MA)	3		
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 220: Introduction to Urban America	3	C	• Develop your skills
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16

Term 4 48 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
PAF 240: Urban Policy (C)	3	C	• Explore an internship
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 351: Urban and Metropolitan Studies	3	C	• Develop your professional online presence
PAF 301: Applied Statistics (CS)	3	C	
Complete 2 courses: POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 302: Public Service Research Methods	3	C	• Complete an in person or virtual practice interview
PAF 305: Urban Governance	3	C	
POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective	3	C	
POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective	3	C	
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 352: Urban Theory	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
PAF 484: Internship	3	Y	
PAF 410: Building Leadership Skills (SB)	3	C	
Complete 2 courses: POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective	6	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
PAF 400: Senior Capstone Project	3	C	

POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective	3	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	12	

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Community Sports	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 364: Foundations of Recreation Therapy (SB)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

Interdisciplinary Requirement-Area 4
CPP Elective

Notes:

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Applied Science (Early Childhood Studies), BAS

School/College: Mary Lou Fulton Teachers College
Location: ASU Local
TEAPSECBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		• Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.
Term hours subtotal:	60		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 327: Becoming a Teacher Leader	3	C	• Students must secure an approved ASU work or volunteer placement for upper-division coursework. The MLFTC Office of Professional Experiences (OPE) supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement.
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 310: Applied Early Child Development	3	C	• Join a student club or Early Childhood Professional organization (for example, NAEYC or AzAEYC).
★ ECS 312: Social and Emotional Development of the Young Child (SB)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - A 78 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECS 321: Communication, Language Development, and Emergent Literacy	3	C	• Develop your professional online presence.
CDE 350: Inequality and Diversity in Education (L & C)	3	C	

Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - B 87 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 325: Supporting Dual Language Learners	3	C	• Complete an in person or virtual practice interview.
CDE 430: Infant and Toddler Development in the Family (SB)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning	3	C	
★ ECS 315: Classroom Organization and Child Guidance	3	C	
Term hours subtotal:	6		

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
PAF 410: Building Leadership Skills (SB)	3	C	• Apply for full-time career opportunities.
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECS 427: Highly Individualized Teaching and Learning	3	C	
★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education	3	C	
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 476: Intentional Teaching	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Early Childhood Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Tempe campus, ASU Sync
TEECDEDBAE

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students should work with their academic advisor to select the appropriate math course. • Join a student club or professional organization.
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness (G). • Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 208 OR SCN 202 recommended)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the Historical Awareness (H) designation.
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Global Awareness (G) AND Historical Awareness (H)	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 3 courses: Specialization Area Course	8	C	
Term hours subtotal:	15		

Term 5 59 - 76 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
ECD 321: Foundations in Language, Literacy and Culture in Early Childhood (L)	3	C	
ECS 310: Foundations in Typical / Atypical Child Development	3	C	
ECS 312: Social and Emotional Development of the Young Child (SB)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	17		

Term 6 76 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Complete an in person or virtual practice interview
ECD 417: Arts Integration for Young Children	3	C	
ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education	3	C	
MTE 310: Number Sense, Spatial Relationships, and Measurement and Data for Early Childhood Education Teaching	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	
ECS 411: Instructional Methodologies for Young Children: STEM	3	C	
ECS 412: Mathematics Curriculum, Instruction and Assessment	3	C	

RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Early Childhood and Early Childhood Special Education, BAE

School/College: Mary Lou Fulton Teachers College
Tempe campus, ASU at The Gila Valley
TEECSEBAE

ASU is not currently accepting applications to this program. Please see other options in the Mary Lou Fulton Teachers College, including the BAE in Early Childhood Education.

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students should work with their academic advisors to select the appropriate math course. • Join a student club or professional organization.
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 202 OR SCN 208 recommended)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation.
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	

MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness.
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Global Awareness (G) AND Historical Awareness (H)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 44 - 58 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• Develop your professionalonline presence. • Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
ECD 321: Foundations in Language, Literacy and Culture in Early Childhood (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Specialization Area Course	4	C	
Term hours subtotal:	14		

Term 5 58 - 75 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
ECS 310: Foundations in Typical / Atypical Child Development	3	C	
ECS 312: Social and Emotional Development of the Young Child (SB)	3	C	
ECS 420: Evaluation and Intervention Strategies for Infants, Toddlers and Preschoolers with Disabilities	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	17		

Term 6 75 - 93 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
TEL 366: Internship: Intermediate	1	C	• Complete an in person or virtual practice interview
ECD 417: Arts Integration for Young Children	4	C	
ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education	3	C	
MTE 310: Number Sense, Spatial Relationships, and Measurement and Data for Early Childhood Education Teaching	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	18		

		Minimum	

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ TEL 477: Internship: Advanced	2	C	
ECS 411: Instructional Methodologies for Young Children: STEM	3	C	
ECS 412: Mathematics Curriculum, Instruction and Assessment	3	C	
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Education Exploratory

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEEDUEXPL

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students should work with their academic advisors to select the appropriate math course. • GCU 113 meets the US and AZ constitution requirements for AZ teacher certification
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Elective (GCU 113 recommended)	3		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization • Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Milestone: Students must declare a BAE major upon the completion of 30 credits. Please meet with a Teachers College advisor to declare one of the BAE programs.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 30
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Educational Studies, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
EDSLSTBAE

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Elective	1		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Join a student club or professional organization • Consider studying abroad. Meet with your advisor for more information. • TEL 215 is the preferred course
CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• Develop your skills • Select one track option from options below and complete all courses listed within the same track
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Global Awareness (G) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			

Term hours subtotal:	16

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 223: Intersection of Society, Disabilities and Inclusion	3	C	• Develop your professional online presence • Meet with Teachers College Career Coach before the end of the term.
TEL 200: Social Embeddedness of Educational Endeavors	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	5		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 301: Why Education?	3	C	• Students must secure an approved ASU work or volunteer placement for internships. It is recommended that this be secured three months before the start of your internship. The MLFTC Office of Professional Experiences (OPE)supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement.
EDU 302: Diversity in Learning Contexts	3	C	
LSE 303: Human Development: Addressing Learner Capabilities (SB)	3	C	
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 304: The Bridge Between Coursework, Identity and Career	2	C	• Use Handshake to researchemployment opportunities
EDU 396: Internship in Non-profit Learning Environments	3	C	
LSE 305: Conceptualizing Learning: Theories in Practice	3	C	
Educational Studies Track Course	3	C	
Upper Division Elective	4		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 402: Partnering to Advance Educational Initiatives (L)	3	C	• Complete an in-person or virtual practice interview • Apply for full-time career opportunities
EDU 484: Internship	3	C	
LSE 401: Designing Learning Environments for Inclusion (SB)	3		
Complete 2 courses: Educational Studies Track Course	6	C	
Upper Division Elective	1		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 404: Navigating Change in Educational Innovations	3	C	
EDU 498: Pro-seminar	4	C	
Educational Studies Track Course	3	C	

Upper Division Elective	4
Term hours subtotal:	14

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

Business	Community Health	Environmental Education
ACC 382: Accounting and Financial Analysis	HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	SCN 207: Introduction to Biomimicry or SCN 307: Learning from Nature: Biomimicry and STEM
ECN 211: Macroeconomic Principles (SB)	HCR 231: Fundamentals of Community Health	SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G) or SCN 308: Urban Environmental Education
FIN 380: Personal Financial Management	HCR 331: Communication within Communities	SCN 301: Ecology and Natural History of the Sonoran Desert (SG)
MGT 380: Management and Strategy for Nonmajors	HCR 335: Program Development and Management for Community Health	SCN 302: Environmental Education (L & G)
MKT 390: Essentials of Marketing	HCR 435: Leaders in Community Health	SCN 310: Biodiversity Conservation: An Educational Inquiry

Family and Human Development	Entrepreneurship	Global Studies
FAS 101: Personal Growth and Relationships (SB)	ENT 305: Principles of Entrepreneurship	SGS 101: Thinking Globally (SB & G)
FAS 264: Sociology of Gender (SB & C)	IPI 296: Inquiry (L)	SGS 204: Professional Global Career Development
FAS 331: Modern Family Relationships (SB)	MKT 390: Essentials of Marketing	SGS 303: Global Trends (SB & G)
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	TEM 230: Creativity and Business Innovation	SGS Lower Division Elective
CDE Upper Division Elective	TWC 347: Written Communication for Managers (L)	SGS Upper Division Elective

Health Innovation	Nonprofit Administration	Organizational Leadership
HCI 311: Health Innovation: Foundational Concepts	NLM 160: Voluntary Action and Community Leadership (SB)	OGL 200: Introduction to Organizational Leadership (SB)
HCI 412: Transforming Health Care: A Systems Perspective for Innovation	NLM 220: Introduction to Nonprofit Organizations	OGL 220: Behavioral Dynamics in Organizations (SB)
HCI 421: Health Care Policy: The Innovator's View	NLM 300: Fund Raising and Resource Development	OGL 340: Organizational Skills
HCI 425: Facilitating Innovation to Achieve Outcomes	NLM 310: Volunteer Management	OGL 355: Leading Organizational Innovation and Change
HCI 428: Technology: A Tool to Advance Innovation in Health Care	NLM 410: Social Entrepreneurship	PMG 320: Foundations of Project Management

Personal Health	Political Science	Recreation Management
EXW 325: Fitness for Life	POS 110: American Government and Politics (SB)	CRD 210: Community Services and Professions

HEP 303: Human Sexuality for Health Education	POS 150: Comparative Government (SB & G)	CRD 302: Inclusive Community Development (SB & C)
HSC 355: Eating for Lifelong Health (SB)	POS 210: Political Ideologies (SB)	PRM 120: Leisure and the Quality of Life (SB)
NTR 100: Introduction to Nutrition Science	POS 360: World Politics (SB & G)	PRM 304: Recreation and Sport Planning and Facilities (L)
EXW OR HEP Upper Division Elective	POS Upper Division Elective	PRM 401: Managing Leisure Enterprises

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Educational Studies, BAE

School/College: Mary Lou Fulton Teachers College
Location: ASU Local
EDSLSTBAE

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-ONL: The ASU Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	• View ASU Online first-year student registration information here. • Build your professional connections -- join the ASU Mentor Network.
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 2 - B 22 - 29 Credit Hours	Hours	Minimum Grade	Notes
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	Consider studying abroad. Meet with your advisor for more information.
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 29 - 35 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• Develop your skills
Global Awareness (G) AND Historical Awareness (H)	3		

Term hours subtotal:	6

Term 3 - B 35 - 44 Credit Hours	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	• Select one track option from options below and complete all courses listed within the same track
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 44 - 53 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 223: Intersection of Society, Disabilities and Inclusion	3	C	• Meet with Teachers College career coach before the end of the term.
TEL 200: Social Embeddedness of Educational Endeavors	3	C	
Elective	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 301: Why Education?	3	C	• Students must secure an approved ASU work or volunteer placement for internships. It is recommended that this be secured three months before the start of your internship. The MLFTC Office of Professional Experiences (OPE)supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement.
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		• Develop your professional online presence

Term 5 - B 69 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 302: Diversity in Learning Contexts	3	C	
LSE 303: Human Development: Addressing Learner Capabilities (SB)	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

Term 6 - A 77 - 85 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 304: The Bridge Between Coursework, Identity and Career	2	C	
Educational Studies Track Course	3	C	
Upper Division Elective	3		

Term hours subtotal:	8

Term 6 - B 85 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 396: Internship in Non-profit Learning Environments	3	C	
LSE 305: Conceptualizing Learning: Theories in Practice	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 91 - 100 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 402: Partnering to Advance Educational Initiatives (L)	3	C	• EDU 484 is a 15 week, C session course.
EDU 484: Internship	3	C	
Educational Studies Track Course	3	C	
Term hours subtotal:	9		

Term 7 - B 100 - 106 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LSE 401: Designing Learning Environments for Inclusion (SB)	3	C	• Gather professional references
Educational Studies Track Course	3	C	
Term hours subtotal:	6		

Term 8 - A 106 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
EDU 404: Navigating Change in Educational Innovations	3	C	• Apply for full-time career opportunities • EDU 498 is a 15 week, C session course.
EDU 498: Pro-seminar	4	C	
Upper Division Elective	1		
Term hours subtotal:	8		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

Business	Community Health	Entrepreneurship
ACC 382: Accounting and Financial Analysis	HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	ENT 305: Principles of Entrepreneurship
ECN 211: Macroeconomic Principles (SB)	HCR 231: Fundamentals of Community Health	IPI 296: Inquiry (L)
FIN 380: Personal Financial Management	HCR 331: Communication within Communities	MKT 390: Essentials of Marketing
MGT 380: Management and Strategy for Nonmajors		TEM 230: Creativity and Business Innovation
MKT 390: Essentials of Marketing		TWC 347: Written Communication for Managers (L)

	HCR 335: Program Development and Management for Community Health	
	HCR 435: Leaders in Community Health	
Family and Human Development	Global Studies	Health Innovations
CDE Upper Division Elective	SGS 101: Thinking Globally (SB & G)	HCI 311: Health Innovation: Foundational Concepts
FAS 101: Personal Growth and Relationships (SB)	SGS 204: Professional Global Career Development	HCI 412: Transforming Health Care: A Systems Perspective for Innovation
FAS 264: Sociology of Gender (SB & C)	SGS 303: Global Trends (SB & G)	HCI 421: Health Care Policy: The Innovator's View
FAS 331: Modern Family Relationships (SB)	SGS Lower Division Elective	HCI 425: Facilitating Innovation to Achieve Outcomes
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	SGS Upper Division Elective	HCI 428: Technology: A Tool to Advance Innovation in Health Care
Organizational Leadership	Personal Health	Political Science
OGL 200: Introduction to Organizational Leadership (SB)	EXW 325: Fitness for Life	POS 110: American Government and Politics (SB)
OGL 220: Behavioral Dynamics in Organizations (SB)	EXW OR HEP Upper Division Elective	POS 150: Comparative Government (SB & G)
OGL 340: Organizational Skills	HEP 303: Human Sexuality for Health Education	POS 210: Political Ideologies (SB)
OGL 355: Leading Organizational Innovation and Change	HSC 355: Eating for Lifelong Health (SB)	POS 360: World Politics (SB & G)
PMG 320: Foundations of Project Management	NTR 100: Introduction to Nutrition Science	POS Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Educational Studies (Early Childhood Studies), BAE

School/College: Mary Lou Fulton Teachers College
Location: ASU Local
TEESECEBAE

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students
TEL 111: Exploration of Education (SB)	3	C	
ASU 101-ONL: The ASU Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year registration information here. • Build your professional connections -- join the ASU Mentor Network.
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 2 - B 22 - 29 Credit Hours	Hours	Minimum Grade	Notes
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 29 - 38 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• Develop your skills
Global Awareness (G) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	9		

Term 3 - B 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	1		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 45 - 54 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 223: Intersection of Society, Disabilities and Inclusion	3	C	• Students must secure an approved ASU work or volunteer placement for upper-division coursework. The MLFTCOffice of Professional Experiences (OPE)supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement.
Elective	6		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
ECD 220: Introduction to Nutrition, Health and Safety	2	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECD 327: Becoming a Teacher Leader	3	C	• Students must secure an approved ASU work or volunteer placement for upper division coursework. • Develop your professional online presence.
ECS 312: Social and Emotional Development of the Young Child (SB)	3	C	
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECD 310: Applied Early Child Development	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECS 321: Communication, Language Development, and Emergent Literacy	3	C	
CDE 350: Inequality and Diversity in Education (L & C)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
ECD 325: Supporting Dual Language Learners	3	C	

CDE 430: Infant and Toddler Development in the Family (SB)	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning	3	C	
★ ECS 315: Classroom Organization and Child Guidance	3	C	
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
PAF 410: Building Leadership Skills (SB)	3	C	• Gather professional references
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECS 427: Highly Individualized Teaching and Learning	3	C	• Apply for full-time career opportunities
★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education	3	C	
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 476: Intentional Teaching	3	C	
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Elementary Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus, ASU Sync, ASU at Lake Havasu
TEEEDBAE

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students should work with their academic advisors to select the appropriate math course. • Join astudent clubor professional organization
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness. • Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 208 OR SCN 202 recommended)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• GCU 113 meets US and AZ Constitution requirements for AZ state teacher certification • Develop your skills
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Historical Awareness (H) AND Global Awareness (G) (GCU 113 recommended)	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • Develop your professional online presence
BLE 220: Foundations of Structured English Immersion (L)	3	C	
EED 284: Introduction to Integrated STEAM Learning Experiences	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Specialization Area Course	5	C	
Term hours subtotal:	15		

Term 5 59 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first. • Complete an in person or virtual practice interview
MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 73 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
EED 324: Social Studies in Elementary Schools	3	C	
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete 2 courses: Specialization Area Course	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 90 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	
EED 411: Science in Elementary Schools	3	C	
EED 412: Mathematics in Elementary Schools	3	C	

EED 433: Writing in the 21st Century	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Upper Division Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Elementary Multilingual Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Tempe campus
TEEMLEBAE

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students should work with their academic advisor to select the appropriate math course. • Join a student club or professional organization.
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness. • Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 208 OR SCN 202 recommended)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation. • Develop your skills.
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Historical Awareness (H) AND Global Awareness (G)	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 57 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • The Bilingual Education and English as a Second Language endorsements from the Arizona Department of Education require six hours of a foreign language or its equivalent. Students interested in these endorsements should take these courses as their specialization area courses.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Specialization Area Course	6	C	
Term hours subtotal:	13		

Term 5 57 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
BLE 338: Foundations of Second Language Acquisition and Development (L)	3	C	
MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	17		

Term 6 74 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BLE 481: Reading Practicum	3	C	• Complete an in person or virtual practice interview.
BLE 400: Principles of Language Minority Education	3	C	
EED 412: Mathematics in Elementary Schools	3	C	
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	
BLE 324: Social Studies for Diverse Language Classrooms	3	C	

BLE 336: Culturally Sustaining and Transformative Pedagogies	3	C
BLE 411: Science Curriculum, Instruction and Assessment in BLE/ESL Settings	3	C
BLE 413: Language Arts in BLE/ESL Settings	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Physical Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus
TEPPEBAE

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students should work with their academic advisors to select the appropriate math course. • Join a student club or professional organization.
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2		
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences.
PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2		
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) (BIO 100 OR ABS 130 recommended)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness. • Develop your skills.
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	

PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2	
TEL 270: Professional Educator Series: Connecting Research to Practice	1	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 208 OR SCN 202 recommended)	4	C
Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• GCU 113 meets the US and AZ constitution requirement for AZ teacher certification and carries the H designation. • Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • Develop your professional online presence.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2		
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Specialization Area Course	3	C	
Historical Awareness (H) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 5 59 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first. • Become a member of the Arizona Health & Physical Education State Association.
PPE 300: Introduction to Physical Education, Fitness and Sport	3	C	
PPE 450: Physical Education for the Elementary School	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 73 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Complete an in person or virtual practice interview
PPE 315: Pediatric Movement Sciences for Physical Educators	3	C	
PPE 455: Physical Education in the Secondary School	3	C	
PPE 460: Adapted and Inclusive Physical Education	3	C	
PPE 465: Teaching Physical Activity Concepts (L)	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 90 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ TEL 477: Internship: Advanced	2	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
PPE 320: Exercise Physiology Concepts for Physical Educators	3	C	
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Complete 2 courses: Specialization Area Course	6	C	
Term hours subtotal:	18		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Secondary Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus, ASU Sync, ASU at Northeastern Arizona, ASU at The Gila Valley, ASU at Yuma, ASU at Yavapai
TESEDBAE

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students should work with their academic advisors to select the appropriate math course. • Join astudent clubor professional organization.
MAT 142: College Mathematics (MA) OR MAT 117: College Algebra (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		

Term 2 17 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Apply for an identify verified print (IVP)fingerprint clearance cardonline. • Your IVP fingerprint card will be needed for professional classroom experiences.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Content Area Course	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		

Term 3 30 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness.
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Content Area Course	3	C	

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 208 OR SCN 202 recommended)	4	C
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation. • Develop your professionalonline presence. • Must complete a minimum of 60 credits, including all foundational coursework, to progress into upper-division education courses.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Content Area Course	6	C	
Historical Awareness (H) AND Global Awareness (G)	3		
Term hours subtotal:	16		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Complete 2 courses: Content Area Course	6	C	
Term hours subtotal:	14		

Term 6 74 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Complete an in-person or virtualpractice interview • Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
SED 403: Secondary Principles, Curriculum and Methods	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Upper Division Specialization Area Course	3	C	
Content Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 91 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Upper Division Content Area Course	3	C	

Content Area Methods Course	3	C
Specialization Area Course	2	C
Term hours subtotal:	17	

courses in consult with their academic advisor.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

- Courses selected for Track Area must be from same track. Students should not mix/match track areas.

Hide Course List(s)/Track Group(s)

Content: Biology	Content: Business	Content: Chemistry
BIO 181: General Biology I (SQ)	ACC 231: Uses of Accounting Information I	CHM 113: General Chemistry I (SQ)
BIO 182: General Biology II (SG)	ACC 241: Uses of Accounting Information II	CHM 116: General Chemistry II (SQ)
BIO 320: Fundamentals of Ecology	ECN 211: Macroeconomic Principles (SB)	CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I
BIO 340: General Genetics	ECN 212: Microeconomic Principles (SB)	
BIO 345: Evolution	MGT 300: Organization and Management Leadership	CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II
BIO OR MIC OR SCN OR ABS Elective	MKT 300: Marketing and Business Performance	CHM OR BCH Elective
	SCM 300: Global Supply Operations	
	MGT OR MKT OR SCM OR FIN Elective	

Content: Chinese	Content: Earth and Space	Content: Economics
CHI 201: Second-Year Chinese I (G)	AST 111: Introduction to Solar Systems Astronomy (SQ)	ECN 211: Macroeconomic Principles (SB)
CHI 202: Second-Year Chinese II (G)	GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	ECN 212: Microeconomic Principles (SB)
CHI 301: Third-Year Chinese I (G)		ECN 221: Business Statistics (CS)
CHI 302: Third-Year Chinese II (G)	SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	ECN 312: Intermediate Microeconomic Theory (SB)
CHI Elective		ECN 313: Intermediate Macroeconomic Theory (SB)
	SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory	ECN Elective
	SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	
	GLG OR AST OR GPH Elective	

Content: English	Content: French	Content: General Science
ENG 200: Critical Reading and Writing About Literature (L or HU)	FRE 201: Intermediate French I (G)	AST 111: Introduction to Solar Systems Astronomy (SQ)

ENG 221: Survey of English Literature (HU)

ENG 222: Survey of English Literature (HU & H)

ENG 241: Literatures of the United States to 1860 ((L or HU) & C)

ENG 242: Literatures of the United States, 1860 to Present (HU)

ENG 471: Literature for Young Adults (HU)

ENG Elective

FRE 202: Intermediate French II (G)

FRE 305: Readings in French Literature (G)

FRE 311: Oral and Written Expression I (G)

FRE 312: Oral and Written Expression II (G)

FRE Elective

BIO 181: General Biology I (SQ)

BIO 182: General Biology II (SG)

CHM 113: General Chemistry I (SQ)

CHM 116: General Chemistry II (SQ)

GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)

GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)

PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)

PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)

SCN 300: Foundations of Environmental Education

Content:Geography

GCU 102: Introduction to Human Geography (SB & G)

GCU 121: World Geography (SB & G)

GCU 241: The Global Economy in Transition (SB & G)

GIS 205: Geographic Information Science I (CS)

GPH 111: Introduction to Physical Geography (SQ)

GPH 112: Introduction to Physical Geography Lab (SQ)

GCU 113: United States and Arizona Social Studies (SB & H)

GCU 114: World Social Studies (SB & G & H)

GCU OR GPH OR GIS Elective

Content: Health

CHS 300: An Exploration of Well-Being (SB)

CHS 340: Health Theory

EXW 101: Foundations of Health and Fitness Science

EXW 215: Resistance Training and Recovery Techniques

EXW 217: Cardiorespiratory and Flexibility Training

EXW 302: Fundamentals of Wellness (L)

EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)

HEP 303: Human Sexuality for Health Education

HEP 350: Substance Abuse and Addictive Behavior

HEP 380: Body Image and Wellness

HSC 355: Eating for Lifelong Health (SB)

NTR 241: Human Nutrition

CHS OR EXW OR HEP OR HSC OR NTR Elective

Content: History

HST 100: Global History to 1500 (HU & H & G)

HST 101: Global History Since 1500 (HU & H & G)

HST 109: United States to 1865 ((HU or SB) & H)

HST 110: United States Since 1865 (SB & H)

HST Elective

Content: Mathematics

MAT 270: Calculus with Analytic Geometry I (MA)

Content: Physical Education

PPE 215: Teaching Team Sports

PPE 220: Teaching Lifetime Activity K-12

PPE 230: Teaching Group Exercise

Content: Physics

PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)

MAT 271: Calculus with Analytic Geometry II (MA)

MAT 272: Calculus with Analytic Geometry III (MA)

MAT 300: Mathematical Structures (L)

MAT 310: Introduction to Geometry

MAT OR MTE OR STP Elective

PPE 235: Teaching Strength and Conditioning for Health

PPE 300: Introduction to Physical Education, Fitness and Sport

PPE 315: Pediatric Movement Sciences for Physical Educators

PPE 320: Exercise Physiology Concepts for Physical Educators

PPE 450: Physical Education for the Elementary School

PPE 460: Adapted and Inclusive Physical Education

PPE 465: Teaching Physical Activity Concepts (L)

PPE 485: Physical Activity Leadership in Schools

PPE 494: Principles of Sport Coaching

PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)

PHY 252: Physics III (SQ)

PHY Elective

Content: Political Science

POS 110: American Government and Politics (SB)

POS 150: Comparative Government (SB & G)

POS 160: Global Politics (SB & G)

POS 210: Political Ideologies (SB)

POS 216: State and Local Government (SB)

POS 270: American Legal System (SB)

POS 300: Contemporary Global Controversies (SB & G)

POS 310: American National Government (SB)

POS 370: Law and Society (SB)

JUS OR SGS OR POS Elective

Content: Spanish

SPA 201: Intermediate Spanish (G)

SPA 202: Intermediate Spanish (G)

SPA 313: Spanish Conversation and Composition (G)

SPA 314: Spanish Conversation and Composition (G)

SPA 315: Advanced Spanish I for Bilinguals (C)

SPA 316: Advanced Spanish II for Bilinguals (L & C)

SPA 412: Advanced Conversation and Composition (G)

SPA 413: Spanish Grammar in Context (G)

SPA Elective

Content: Theatre

THE 421: Shakespeare: Stage and Film (L or HU)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

FMP OR THE OR THF OR THP Elective

Content: Methods Course

BIO 480: Methods of Teaching Biology

CHM 480: Methods of Teaching Chemistry

ENG 480: Methods of Teaching English: Composition (L)

ENG 482: Methods of Teaching English: Language (L)

HST 480: Methods of Teaching History: Classroom Resources

MTE 482: Methods of Teaching Mathematics in Secondary School

MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls

PHY 480: Methods of Teaching Physics

PPE 455: Physical Education in the Secondary School

SED 403: Secondary Principles, Curriculum and Methods

SED 480: Special Methods of Teaching Social Studies

SED 482: Science Teaching Methods for Secondary Schools

SES 480: Teaching Earth and Space Sciences

THE 480: Methods of Teaching Theatre

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Secondary Education (Biological Sciences), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEBIOBAE

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Join astudent clubor professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	• Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • Join a student club or professional organization
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Global Awareness (G)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 45 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Historical Awareness (H) (GCU 113 recommended)	3		
Term hours subtotal:	14		

Term 5 59 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
BIO 201: Human Anatomy and Physiology I (SG) OR BIO 360: Animal Physiology OR PLB 308: Plant Physiology	4-3	C	
BIO 340: General Genetics OR LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	16-15		

Term 6 75 - 92 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • Complete an in person or virtual practice interview
BIO 320: Fundamentals of Ecology OR BIO 345: Evolution	3	C	
BIO 480: Methods of Teaching Biology OR SCN 494: Biology for Teachers	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete 2 courses: Specialization Area Course	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 92 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
BIO 303: Plant Diversity and Evolution (L or SG) OR BIO 304: Plants and Civilization (L) OR BIO 431: Genes, Development, and Evolution (L) OR BIO 446: Principles of Human Genetics (L)	3	C	
SED 482: Science Teaching Methods for Secondary Schools	3	C	
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		

Specialization Area Course	1	C
Term hours subtotal:	16	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Secondary Education (English), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEENGBAE

Term 1 0 - 13 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students should work with their academic advisor to select the appropriate math course. • Join astudent clubor professional organization.
MAT 117: College Algebra (MA) or MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	13		

Term 2 13 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Apply for an identify verified print (IVP) fingerprint clearance cardonline. • Your IVP fingerprint card will be needed for professional classroom experiences
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 27 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness. • Develop yourskills
ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	

TEL 270: Professional Educator Series: Connecting Research to Practice	1	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 202 OR SCN 208 recommended)	4	C
Complete Mathematics (MA) requirement.		
Term hours subtotal:	17	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	6	C	• If global awareness is completed, GCU 113 is recommended to fulfill historical awareness.GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Historical Awareness (H) AND Global Awareness (G)	3		
Term hours subtotal:	16		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar OR ENG 323: Rhetoric and Grammar (L)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
ENG Upper Division Elective	3	C	
Term hours subtotal:	14		

Term 6 74 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • Complete an in person or virtual practice interview
ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare	3	C	
ENG 480: Methods of Teaching English: Composition (L) OR SED 481: English Teaching Methods for Secondary Schools	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete 2 courses: Specialization Area Course	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 91 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes

★ TEL 477: Internship: Advanced	2	C	
ENG 471: Literature for Young Adults (HU)	3	C	
ENG 482: Methods of Teaching English: Language (L)	3	C	
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Specialization Area Course	2	C	
Term hours subtotal:	17		

- Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Secondary Education (History), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEHISBAE

Term 1 0 - 16 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college specific equivalent first-year seminar required of all first-year students. • Students should work with their academic advisor to select the appropriate math course. • Join astudent clubor professional organization.
MAT 117: College Algebra (MA) or MAT 142: College Mathematics (MA)	3	C	
HST 130: The Historian's Craft	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	16		

Term 2 16 - 33 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Apply for an identify verified print (IVP)fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences.
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G)	3	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 33 - 46 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G)	3	C	
HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	

TEL 270: Professional Educator Series: Connecting Research to Practice	1	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 46 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 202 OR SCN 208 recommended)	4	C	
Term hours subtotal:	14		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation. • Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
GCU 113: United States and Arizona Social Studies (SB & H) or POS 417: Arizona Politics (SB)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Upper Division U.S. History	3	C	
Term hours subtotal:	14		

Term 6 74 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • Complete an in person or virtualpractice interview
HST 480: Methods of Teaching History: Classroom Resources OR SED 480: Special Methods of Teaching Social Studies	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Upper Division Non-U.S. History	3	C	
Complete 2 courses: Specialization Area Course	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 91 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	

TEL 470: Professional Educator Series: Career Growth and Planning	1	
HST 481: Methods of Teaching History: Community Resources	3	C
HST 495: Methods of Historical Inquiry (L)	3	C
Specialization Area Course	2	C
Term hours subtotal:	17	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
TEL 471: Professional Educator Series: The Principled Educator	1		
★ TEL 488: Student Teaching	11	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

U.S. History
AMS 412: The Bill of Rights and the US Supreme Court (H)
HST 306: Studies in United States History
HST 314: American Cultural History Since 1865 ((HU or SB) & H)
HST 315: Political History of the U. S. (SB & H)
HST 316: 20th-Century U.S. Foreign Relations (SB & H)
HST 317: History of Postwar U.S. Conservatism
HST 318: History of Engineering ((L or SB) & G)
HST 320: U.S. Urban History since 1850 (SB & H)
HST 321: Constitutional History/US to 1865 (SB & H)
HST 322: Constitutional History of the United States Since 1865 (H)
HST 323: Historical Studies in Race, Crime, and the Law
HST 325: Immigration and Ethnicity in the United States (SB & H & C)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
HST 329: Women in 20th-Century U.S. West (H & C)

Non-U.S. History
HST 302: Studies in History
HST 302: Envisioning Peace
HST 302: Gender and Sexuality in Islam
HST 302: History of the Olympic Movement
HST 302: Jews, Christians & Muslims in Early Modern World
HST 302: Jews, Christians & Muslims in the Medieval World
HST 302: Slavery Systems in Africa
HST 302: The Mexico City 1968 Olympics in Global Context
HST 303: Studies in Asian History
HST 304: Studies in European History
HST 305: Studies in Latin American History
HST 309: Exploration and Empire ((L or HU) & H)
HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)
HST 336: Islamic Civilization (HU & H)
HST 339: Islam in the Modern World (HU & G)
HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)
HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)
HST 348: Rome (SB & H)

HST 331: Mexican American History to 1900 (SB & H & C)

HST 332: Mexican American History Since 1900 (SB & H & C)

HST 333: African American History to 1865 (SB & H & C)

HST 334: African American History Since 1865 ((HU or SB) & C & H)

HST 335: History of Black Women in America (SB & H)

HST 337: American Indian History to 1900 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

HST 340: American Military History (SB & H)

HST 341: U.S. West 19th Century (SB & H)

HST 342: U.S. West 20th Century (SB & H)

HST 343: American Southwest ((L or SB) & H)

HST 344: Arizona (SB & H)

HST 345: Environmental History (L)

HST 405: Colonial American History to 1763 (SB & H)

HST 406: American Revolution/1763-1789 (SB & H)

HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H)

HST 408: Civil War and Reconstruction ((L or SB) & H)

HST 409: Emergence Modern U.S. 1877-1918 (SB & H)

HST 412: Contemporary U.S., 1973- Present (SB & H)

HST 413: Contemporary America ((L or SB) & H)

HST 414: Political History and Leadership

HST 419: 20th Century Chicano/a History (C)

HST 443: The United States and Latin America (SB & G & H)

HST 448: Mexican/U.S. Border

HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C)

HST 349: Early Middle Ages ((HU or SB) & H)

HST 350: Later Middle Ages ((HU or SB) & H)

HST 351: Renaissance Europe ((L or HU or SB) & H)

HST 352: Europe's Reformations ((L or HU or SB) & H)

HST 353: Old Regime in Europe (SB & H)

HST 354: Revolutionary Europe (SB & H)

HST 355: Total War and the Crisis of Modernity (SB & G & H)

HST 356: Europe since 1945 (SB & G & H)

HST 358: Jewish History from Antiquity to 1492 (SB & H)

HST 359: Jewish History from 1492 to 1948 (SB & G & H)

HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)

HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)

HST 364: Sex and Society in Modern Europe ((L or SB) & H)

HST 365: World Wars I and II: Europe's Eastern Front

HST 366: England to 1689 (SB & H)

HST 367: Modern Britain (SB & H)

HST 368: Culture and Imagination in European History (HU & H)

HST 369: History and Memory of the Holocaust

HST 370: Eastern Europe in Transition (SB & G & H)

HST 372: Modern Middle East (SB & G & H)

HST 373: Roman History I: Foundations and Republic

HST 374: Roman History II: The Roman Empire

HST 375: Colonial Latin America (SB & H)

HST 456: The Vietnam War (SB & G & H)

HST 376: Modern Latin America (SB & G & H)

HST 383: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 397: Greece and Rome at War

HST 404: Conquest and Encounters in Colonial Latin America (L & G)

HST 419: 20th Century Chicano/a History (C)

HST 423: The Tudor Monarchy (SB & H)

HST 424: The Stuart Monarchy (SB & H)

HST 426: The British Empire (H)

HST 427: French Revolution/Napoleonic Era (SB & H)

HST 429: Modern Germany (SB & G & H)

HST 430: The Ottoman Empire in the Classical Period

HST 432: Eastern Europe the Balkans, 20th Century (G & H)

HST 435: The Russian Empire (SB & H)

HST 436: Rise & Fall of Soviet Communism (SB & G & H)

HST 438: Modern Spain ((HU or SB) & G & H)

HST 439: Athenian Democracy (H)

HST 441: Latin America and the World Economy (L & G & H)

HST 443: The United States and Latin America (SB & G & H)

HST 444: Latin American Independence ((L or HU) & G)

HST 445: 20th-Century Cuba (SB & G & H)

HST 447: Modern Mexico (SB & H)

HST 448: Mexican/U.S. Border

HST 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H)

HST 454: History of Genocide (G & H)

HST 459: Gandhi and the Politics of Nonviolence

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Secondary Education (Mathematics), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEMATBAE

Term 1 0 - 14 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college specific equivalent first-year seminar required of all first-year students. • Join astudent clubor professional organization.
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	14		

Term 2 14 - 32 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Apply for an identify verified print (IVP) fingerprint clearance cardonline. • Your IVP fingerprint card will be needed for professional classroom experiences.
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	18		

Term 3 32 - 50 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	• SCN 208 and SCN 202 are also designated as Global Awareness.
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MAT 207: Algebra and Geometry in the High School AND MTE 210: Mentored Tutoring Internship OR MAT 208: Discrete Mathematics for Secondary Teachers OR MAT 243: Discrete Mathematical Structures	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 202 OR SCN 208 recommended)	4	C
Complete Mathematics (MA) requirement.		
Term hours subtotal:	18	

Term 4 50 - 63 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
MAT 300: Mathematical Structures (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Historical Awareness (H) AND Global Awareness (G)	3	C	
Term hours subtotal:	13		

Term 5 63 - 77 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
MAT 310: Introduction to Geometry	3	C	
STP 420: Introductory Applied Statistics (CS)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 77 - 94 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • Complete an in person or virtual practice interview.
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra OR MAT 275: Modern Differential Equations (MA) OR MAT 371: Advanced Calculus I	3	C	
MTE 485: Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics OR MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete 2 courses: Specialization Area Course	6	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 94 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate
MTE 485: Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics OR MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls	3	C	

TEL 332: Disciplinary Literacy Methods	3	C	courses in consult with their academic advisor.
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Specialization Area Course	2	C	
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Special Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Tempe campus, ASU Sync
TESPCEDBAE

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students should work with their academic advisor to select the appropriate math course. • Join a student club or professional organization.
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Recommended courses SCN 208 and SCN 202 are also designated as Global Awareness. • Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 208 OR SCN 202 recommended)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation. • Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students may speak with their academic advisor about creating their own unique specialization area. Please
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Historical Awareness (H) AND Global Awareness (G)	3		meet with an academic advisor to plan accordingly.
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 44 - 59 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 3 courses: Specialization Area Course	8	C	
Term hours subtotal:	15		

Term 5 59 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	• TEL 310 and TEL 318 may be taken in Term 4. See an academic advisor for more information.
SPE 321: Classroom and SPE Assessment	3	C	
SPE 411: Special Education History and Law	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 73 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Complete an in person or virtual practice interview.
EED 412: Mathematics in Elementary Schools	3	C	
SPE 323: Effective Practices and Behavior Interventions: Supports for Exceptional Students	3	C	
SPE 424: Evidence-Based Practices for Students with Intensive Exceptional Needs	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 90 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
SPE 423: Evidence-Based Practices for Students with Exceptional Needs	3	C	
SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L)	3	C	

TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Specialization Area Course	3	C
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	**Hours**	**Minimum Grade**	**Notes**
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Special Education (Visual Impairment), BAE

School/College: Mary Lou Fulton Teachers College
Location: Tempe campus, West campus
TESPEVIBAE

Term 1 0 - 17 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students should work with their academic advisor to select the appropriate math course. • Join astudent clubor professional organization.
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• SCN 208 and SCN 202 are also designated as Global Awareness. • Apply for an identify verified print (IVP) fingerprint clearance cardonline. • Your IVP fingerprint card will be needed for professional classroom experiences
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 202 recommended)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 44 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and fulfills H. • Develop your skills
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Global Awareness (G) AND Historical Awareness (H)	3		

Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Specialization Area Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SPE 396: Clinical Experience I	2	C	
EED 412: Mathematics in Elementary Schools	3	C	
SPE 411: Special Education History and Law	3	C	
SPE 443: Foundations of Instruction for Students with Visual Impairments	3	C	
SPE 445: Orientation and Mobility for Teachers of the Visually Impaired	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SPE 397: Clinical Experience II	2	C	• Complete an in person or virtual practice interview
SPE 424: Evidence-Based Practices for Students with Intensive Exceptional Needs	3	C	
SPE 441: Reading and Writing Braille	3	C	
SPE 442: Teaching Methodologies for Students with Visual Impairments	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
SPE 496: Clinical Experience III	2	C	
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
SPE 323: Effective Practices and Behavior Interventions: Supports for Exceptional Students	3	C	
SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L)	3	C	

SPE 444: Diagnostic and Assessment: Procedures for the Visually Impaired	3	C
SPE 446: Modes of Communication	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by	**Hours**	**Minimum Grade**	**Notes**
SPE 447: Student Teaching for Teachers of the Visually Impaired	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Special Education and Elementary Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus, ASU at Northeastern Arizona, ASU at The Gila Valley, ASU at Yuma
TESPEBAE

ASU is not currently accepting applications to this program. Please see other options in the Mary Lou Fulton Teachers College.

Term 1 0 - 17 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students should work with their academic advisors to select the appropriate math course. • Join astudent clubor professional organization.
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Apply for an identify verified print (IVP)fingerprint clearance cardonline. • Your IVP fingerprint card will be needed for professional classroom experiences. • SCN 208 and SCN 202 are also designated as Global Awareness.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 202 OR SCN 208 recommended)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 44 Credit Hours Critical course signified by	**Hours**	**Minimum Grade**	**Notes**
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the H designation.
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	

MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C
TEL 270: Professional Educator Series: Connecting Research to Practice	1	
Global Awareness (G) AND Historical Awareness (H)	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 60 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• Develop your professionalonline presence.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
Term hours subtotal:	16		

Term 5 60 - 74 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 355: Internship: Initial	1	C	
EED 324: Social Studies in Elementary Schools	3	C	
SPE 321: Classroom and SPE Assessment	3	C	
SPE 411: Special Education History and Law	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 74 - 91 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 366: Internship: Intermediate	1	C	• Complete an in-person or virtual practice interview
EED 412: Mathematics in Elementary Schools	3	C	
EED 433: Writing in the 21st Century	3	C	
SPE 323: Effective Practices and Behavior Interventions: Supports for Exceptional Students	3	C	
SPE 424: Evidence-Based Practices for Students with Intensive Exceptional Needs	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 91 - 109 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
TEL 477: Internship: Advanced	2	C	
EED 411: Science in Elementary Schools	3	C	

RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C
SPE 423: Evidence-Based Practices for Students with Exceptional Needs	3	C
SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L)	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Term hours subtotal:	18	

Term 8 109 - 121 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 121
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Health and Life Sciences

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU at Lake Havasu
UCHSCIEXPL

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4	C	• ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 150: Major and Career Exploration	1	C	
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3	C	
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - General (SG) or Natural Science - Quantitative (SQ)	4	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 250: Choosing a Major	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4	C	• Secure a part-time job or volunteer experience.
UNI 270: Career Direction for a Successful Future	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	1		

Complete Mathematics (MA) requirement.		
Complete UNI 250 course(s).		
Milestone: Selection of a major.		
	Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Health and Life Sciences

School/College: University College
Location: ASU Local
UCHSCIEXPL

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-UC: The ASU Experience	1		• ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4	C	• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 150: Major and Career Exploration	1	C	
Term hours subtotal:	8		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
UNI 250: Choosing a Major	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

Term 2 - B 22 - 30 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	• Join a student club or professional organization.
Humanities, Arts and Design (HU)	3		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	8		

Term 3 - A 30 - 37 Credit Hours	Hours	Minimum Grade	Notes

UNI 270: Career Direction for a Successful Future	1	C	• Secure a part-time job or volunteer experience.
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 3 - B 37 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	
Elective	1		
Complete Mathematics (MA) requirement.			
Complete UNI 250 course(s).			
Milestone: Selection of a major.			
Term hours subtotal:	8		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Humanities, Fine Arts and Design

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU at Lake Havasu
UCHUFAEXPL

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 150: Major and Career Exploration	1	C	
Mathematics (MA)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 250: Choosing a Major	1	C	
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	16		

Term 3 31 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3	C	• Secure a part-time job or volunteer experience.
UNI 270: Career Direction for a Successful Future	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

Complete Mathematics (MA) requirement.	
Complete UNI 250 course(s).	
Milestone: Selection of a major.	
Term hours subtotal:	17

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Humanities, Fine Arts and Design

School/College: University College
Location: ASU Local
UCHUFAEXPL

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3	C	• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
UNI 150: Major and Career Exploration	1	C	
Social-Behavioral Sciences (SB)	3	C	
Term hours subtotal:	7		

Term 2 - A 14 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3	C	
UNI 250: Choosing a Major	1	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	7		

Term 2 - B 21 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		• Join a student club or professional organization
Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	6		

Term 3 - A 27 - 35 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3	C	
UNI 270: Career Direction for a Successful Future	1	C	

Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	8		

Term 3 - B 35 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Secure a part-time job or volunteer experience
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Complete UNI 250 course(s).			
Term hours subtotal:	7		

Term 4 - A 42 - 48 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Milestone: Selection of a major.			
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Math, Physical Sciences, Engineering and Technology

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus
UCEMTPEXPL

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science. Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C	• ASU 101 or College specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 150: Major and Career Exploration	1	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15-16		

Term 2 15 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science. Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C	• Join a student club or professional organization.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 250: Choosing a Major	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) or Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	14-15		

		Minimum	

Term 3 29 - 45 Credit Hours Critical course signified by	Hours	Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science. Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C	• Secure a part-time job or volunteer experience.
UNI 270: Career Direction for a Successful Future	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete UNI 250 course(s).			
Complete Mathematics (MA) requirement.			
Milestone: Selection of a major.			
Term hours subtotal:	16-17		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

Total Hours: 45
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Math, Physical Sciences, Engineering and Technology

School/College: University College
Location: ASU Local
UCEMTPEXPL

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	• ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• View ASU Online first-year student registration information here.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 150: Major and Career Exploration	1	C	
Term hours subtotal:	8		

Term 2 - A 15 - 22 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	• Join a student club or professional organization.
UNI 250: Choosing a Major	1	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	7		

Term 3 - A 29 - 36 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	
UNI 270: Career Direction for a Successful Future	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 3 - B 36 - 42 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Secure a part-time job or volunteer experience.
Humanities, Arts and Design (HU)	3		
Complete UNI 250 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 42 - 45 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Milestone: Selection of a major.			
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

Total Hours: 45
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Social and Behavioral Sciences

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU at Lake Havasu
UCSBSEXPL

Term 1 0 - 15 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3	C	• ASU 101 or College specific equivalent First Year Seminar required for all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 150: Major and Career Exploration	1	C	
Mathematics (MA)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Join a student club or professional organization.
Social-Behavioral Sciences (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
UNI 250: Choosing a Major	1	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	16		

Term 3 31 - 48 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3	C	• Secure a part-time job or volunteer experience.
UNI 270: Career Direction for a Successful Future	1	C	
Global Awareness (G)	3		
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

Complete Mathematics (MA) requirement.	
Complete UNI 250 course(s).	
Milestone: Selection of a major.	
Term hours subtotal:	17

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.

2022 - 2023 Major Map

Exploratory Social and Behavioral Sciences

School/College: University College
Location: ASU Local
UCSBSEXPL

Term 1 - A 0 - 7 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3	C	• ASU 101 or College specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU.
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• View ASU Online first-year student registration information here.
UNI 150: Major and Career Exploration	1	C	
Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	7		

Term 2 - A 14 - 21 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
UNI 250: Choosing a Major	1	C	• Join a student club or professional organization.
Social-Behavioral Sciences (SB)	3	C	
Mathematics (MA) (MAT 142 recommended)	3		
Term hours subtotal:	7		

Term 2 - B 21 - 27 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete UNI 150 course(s).			
Term hours subtotal:	6		

Term 3 - A 27 - 35 Credit Hours	Hours	Minimum Grade	Notes
UNI 270: Career Direction for a Successful Future	1	C	• Secure a part-time job or volunteer experience.
Natural Science - Quantitative (SQ)	4		

Global Awareness (G)	3		
Term hours subtotal:	8		

Term 3 - B 35 - 41 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3	C	
Complete UNI 250 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 41 - 48 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Milestone: Selection of a major.			
Term hours subtotal:	7		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2022 - 2023 academic year.